

INVENTORY OF INDUSTRIAL SITES
PRODUCING OR USING COAL TAR
AND RELATED TARS IN ONTARIO

VOLUME II

NOVEMBER 1988



Ontario

Environment
Environnement



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**Inventory of Industrial Sites
Producing or Using Coal Tar and
Related Tars in Ontario**

Volume II

Prepared for

Ontario Ministry of the Environment
Waste Management Branch
Toronto, Ontario

Prepared by

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Ottawa, Ontario

In Association with
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FINAL REPORT



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COAL TAR DISTILLATION PLANTS

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Hamilton Street Address East side Caroline St. between
 MOE Region West Central Mulberry and Sheaffe Sts.
 MOE District Hamilton NTS Map Sheet 30 M/5
 Historical Maps and Photos Available 1927 fire insurance plan (Public Archives
Canada, NMC Hamilton, sheet 118); 1933 fire insurance plan (Public Archives Canada
NMC Hamilton, sheet 118); 1947 fire insurance plan (Public Archives Canada, NMC
9880, sheet 118); 1964 fire insurance plan (Public Archives Canada, Hamilton,
sheet 118); 1969 air photo (NAPL A19504-40)

2. Site Identification:

Name Currie Products Ltd.
 Type of Facility Coal tar distillation plant and roofing felt manufacturing
 Operator(s) and Period(s) of Operation Hamilton Tar Products Co. Ltd. (1901 -
1910); Dominion Tar and Ammonia (1910 - 1914); Hamilton Tar and Distilling Co.
(1914 - 1917); Hamilton Tar and Ammonia Co. (1919 - 1924); Hamilton Tar Products
(1925 - 1929); Currie Products Ltd. (1929 - 1977)

3. Site Characteristics:

Size (when operated) 1.3 hectare
 Present Land Use Public use; City of Hamilton Park
 Planned Land Use Same as present
 Present Occupant(s) City of Hamilton Park, baseball diamond, tennis courts,
playground
 Present Land Use Adjoining Properties North - industrial (warehouses); east -
City works yard; south - residential/parkland; west - parkland
 Underground Utilities Combined sewer, watermain and gas along old alignment of
Caroline, Mulberry Sts. and Sheaffe (now centre of park)

Soil Conditions Unknown, 0.6 m of soil removed from site during plant
demolition (1979)

Site Access Uncontrolled

4. Evidence of Buried Wastes:

Operating Period 1901 - 1977 (76 years)

Excavation History All soils in area of buildings and storage tanks/surface and
underground) removed to depth of 0.6 m during City of Hamilton demolition of
property in 1979/80

Visible Wastes None observed or reported

Odour Odours difficult to detect because of odours associated with operating
steel works

Water Pollution None observed or reported

5. Resource Characteristics:

Surface Water Hamilton Harbour (Lake Ontario)

Proximity 600 m north

Use Industrial

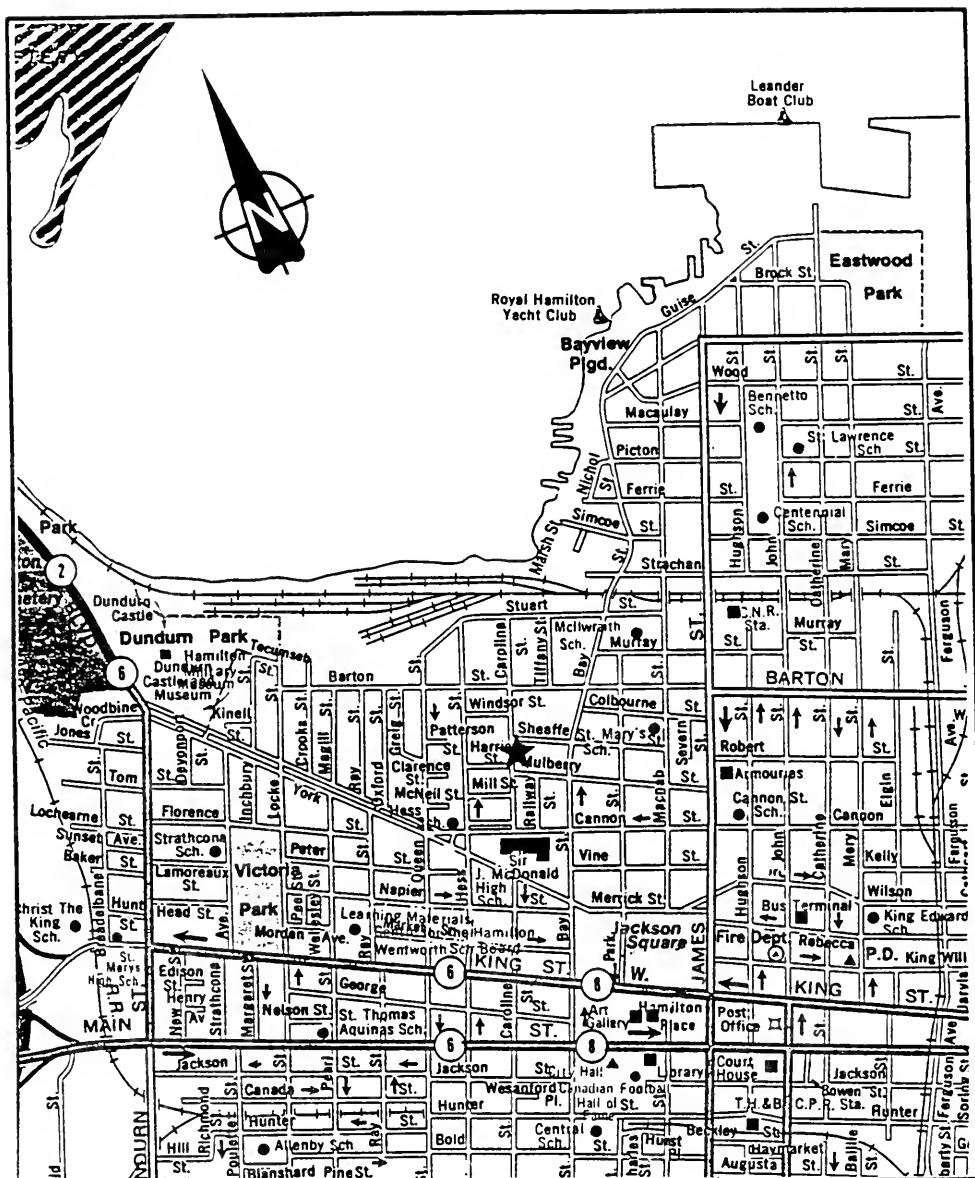
Groundwater, Proximity Unknown

Use None reported

Proximity of Existing Wells None reported

Site Investigations Unknown

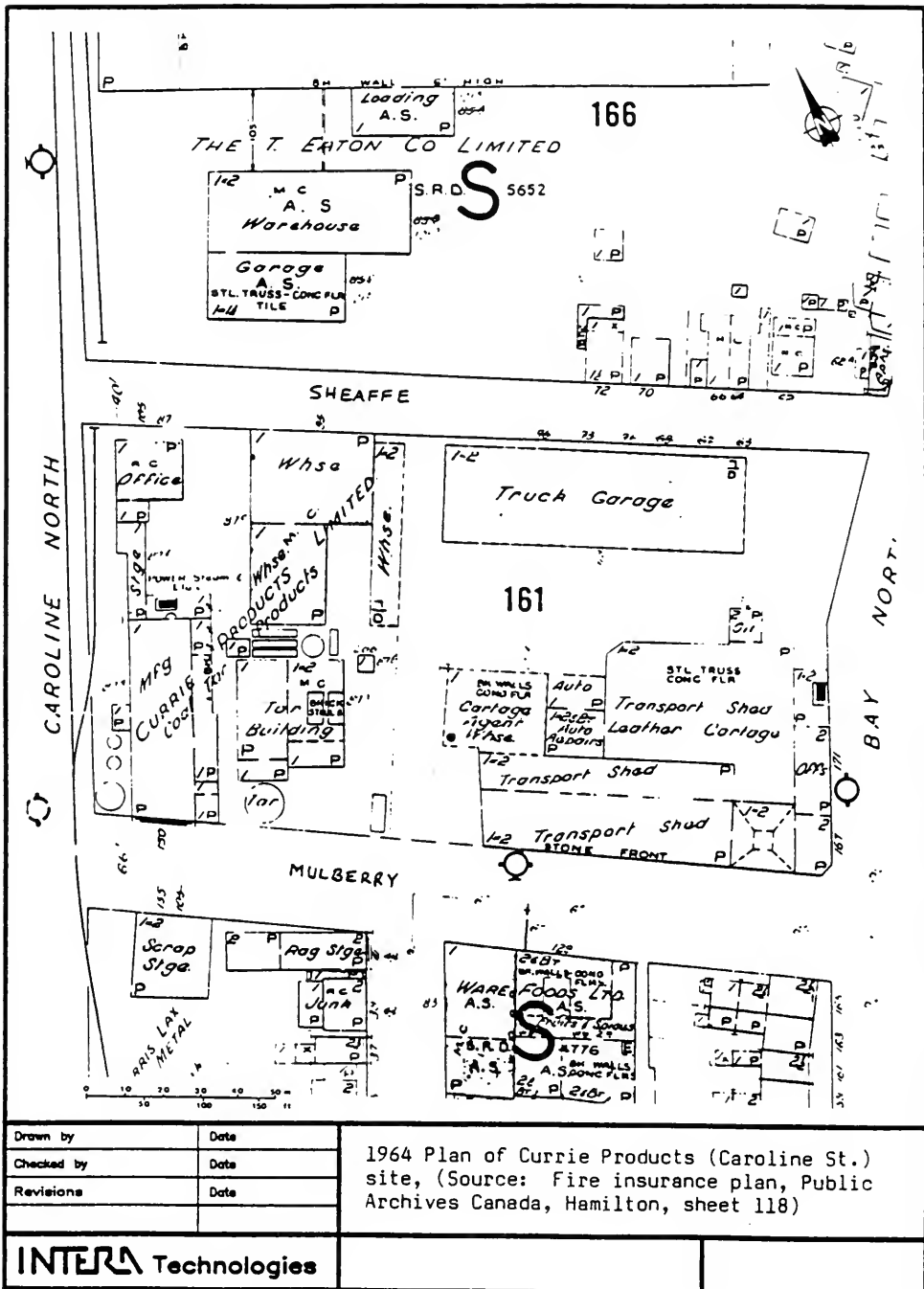
6. Comments/Remarks: Currie Products Ltd. sold site as is to City; City of Hamilton
demolished the site (contract no. CCH-79-1 (D)) in 1979/80. All tar tank contents
were to have been disposed in compliance with MOE regulations. 150,000 gal of
liquid and semi-liquid tar waste estimated to be removed from site as part of
demolition.



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City of Hamilton, showing location of
Currie Products site (Caroline St.).

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Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Hamilton Street Address 350 Wentworth St. N. at Rosemary
 MOE Region West Central Avenue _____
 MOE District Hamilton NTS Map Sheet 30 M/5
 Historical Maps and Photos Available No maps available (recent operation); 1984
air photo (NAPL A26888-51)

2. Site Identification:

Name Currie Products Ltd.
 Type of Facility Coal tar distillation plant
 Operator(s) and Period(s) of Operation Currie Products Ltd. (1977 to present)

3. Site Characteristics:

Size (when operated) 1 - 2 hectare
 Present Land Use Industrial, active coal tar processing plant
 Planned Land Use Same as present
 Present Occupant(s) Currie Products Ltd., Marshall Currie Refractories
 Present Land Use Adjoining Properties North - industrial/commercial (Swift Motors);
east - vacant field; south - vacant field; west - residential/commercial
 Underground Utilities Sewers, gas, water and telephone along Rosemary Avenue

Soil Conditions Unknown

Site Access Controlled - fenced

4. Evidence of Buried Wastes:

Operating Period 1977 - present (11 years)

Excavation History Unknown

Visible Wastes Operating coal tar processing facility

Odour Operating coal tar processing facility

Water Pollution None observed or reported

5. Resource Characteristics:

Surface Water Hamilton Harbour

Proximity 800 m northeast of site

Use Industrial

Groundwater, Proximity Unknown

Use None

Proximity of Existing Wells None reported

Site Investigations None known

6. Comments/Remarks: Active coal tar plant, back of property is reclaimed land
from Coal Oil inlet of Hamilton Harbour

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Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Hamilton Street Address 725 Strathearne Avenue North
 MOE Region West Central
 MOE District Hamilton NTS Map Sheet 30 M/5
 Historical Maps and Photos Available 1964 fire insurance plan (Public Archives
Canada, NMC sheet 328); 1965 air photo (NAPL A18751-13)

2. Site Identification:

Name Domtar Cassidy Works
 Type of Facility Coal tar distillation plant
 Operator(s) and Period(s) of Operation Dominion Tar and Chemical Co. Ltd./
Domtar Ltd./Carbochem (1958 - present)

3. Site Characteristics:

Size (when operated) 3.5 hectare
 Present Land Use Operating coal tar distillation plant

 Planned Land Use Same as present
 Present Occupant(s) Carbochem, a Domtar Rutgers Co.

 Present Land Use Adjoining Properties North, south, east and west - heavy
industrial
 Underground Utilities Sanitary hook up to site from Strathearne. Storm drain
traverses site, drainage to northeast to Harbour

Soil Conditions Sand and clay

Site Access Controlled, fenced

4. Evidence of Buried Wastes:

Operating Period 1964 - present (24 years)

Excavation History Unknown

Visible Wastes Active coal tar distillation site

Odour Active coal tar distillation site - slight odour of coal tar south of site

Water Pollution None observed

5. Resource Characteristics:

Surface Water Hamilton Harbour - also ditch drains to and under site from south-west

Proximity 100 m to dock inlet

Use Industrial

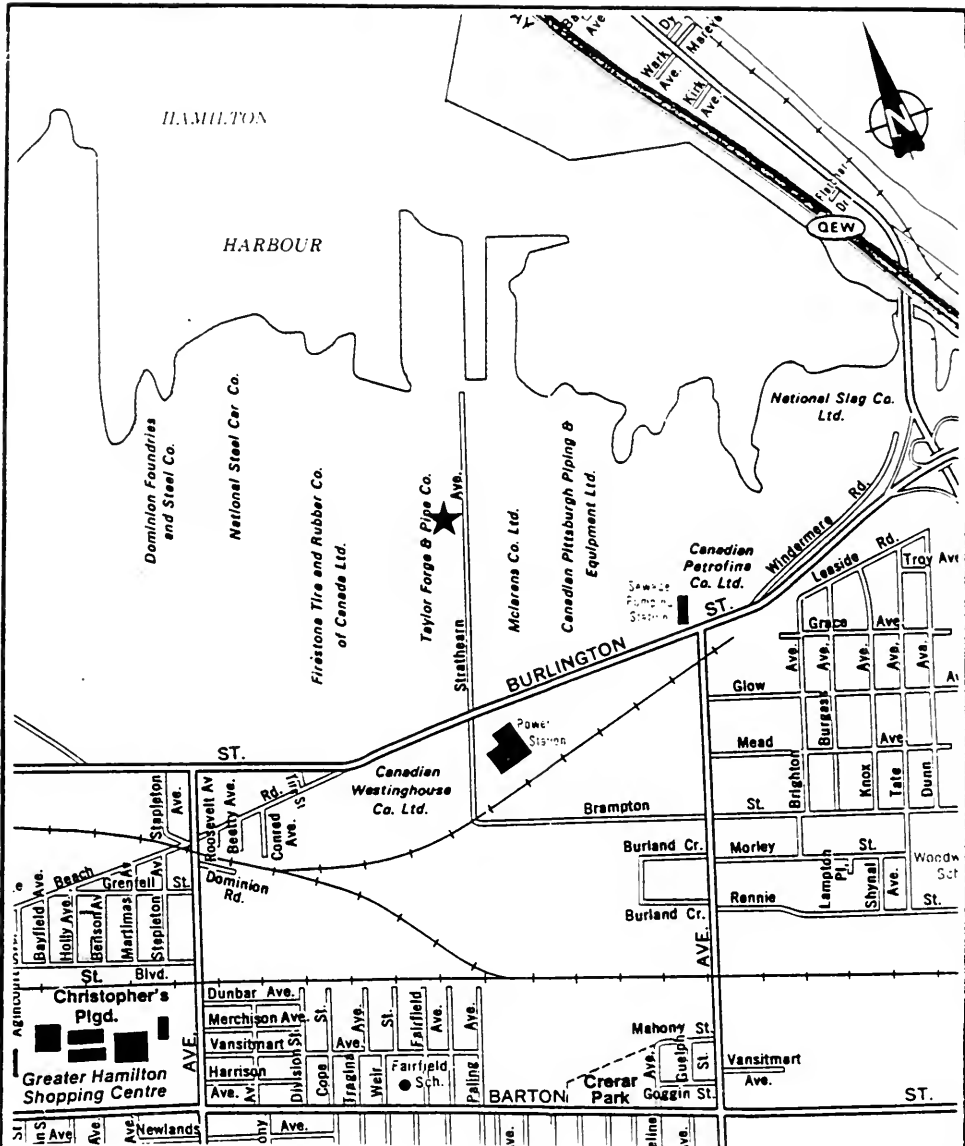
Groundwater, Proximity Unknown

Use None

Proximity of Existing Wells None known

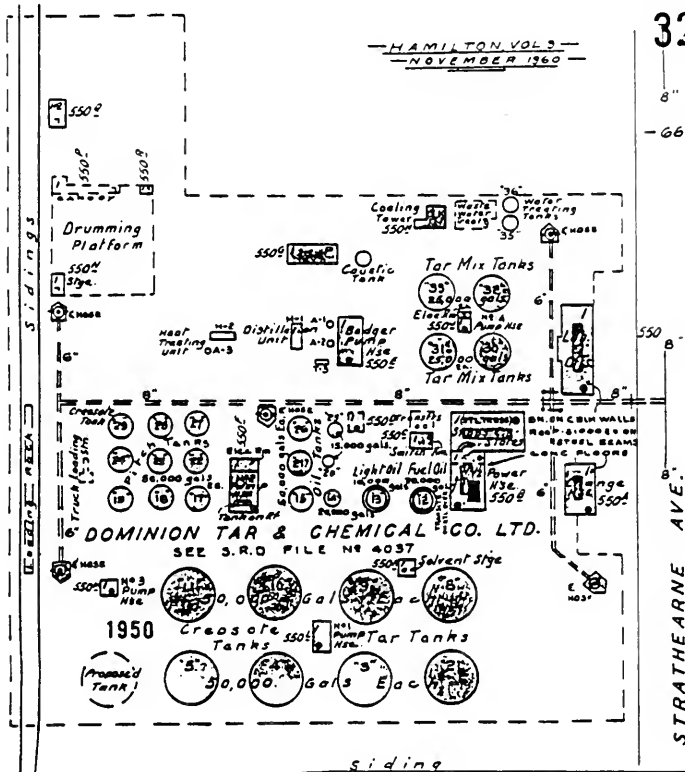
Site Investigations Ongoing hydrogeological study of site (Gartner Lee and Associates)

6. Comments/Remarks: Active coal tar distillation plant currently under hydro-geologic study



City of Hamilton, showing location of Domtar site.

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1964 Plan of Domtar site, (Source: 1964 revision of 1960 fire insurance plan, Public Archives Canada, NMC, sheet 328)

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Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Ottawa Street Address 170 Lees Avenue
 MOE Region Southeastern
 MOE District Ottawa NTS Map Sheet 31 G/5
 Historical Maps and Photos Available 1922 surveyed map (City of Ottawa map LS45);
1956 fire insurance plan (Public Archives Canada NMC, sheet 234-4); 1928 air
photo (NAPL A18-10); 1961 oblique air photo (City of Ottawa Archives, CA-8494)

2. Site Identification:

Name Currie Products Ltd.
 Type of Facility Coal tar distillation plant
 Operator(s) and Period(s) of Operation Hamilton Tar Products, Currie Products
Ltd. 1922 - 1949 (tar storage site until early 1960s)

3. Site Characteristics:

Size (when operated) 1.7 hectare
 Present Land Use Apartment building (residential)
 Planned Land Use Same as present
 Present Occupant(s) Controlex Realty Ltd. (property managers)
 Present Land Use Adjoining Properties North, east - residential; west - institu-
tional (Armories); south - Rideau River
 Underground Utilities Storm sewer at west boundary other utilities along Lees
Avenue; underground parking for apartment building

Soil Conditions Sand fill overlying silty clay

Site Access Uncontrolled

4. **Evidence of Buried Wastes:**

Operating Period 1922 - 1949 (27 years) (storage site until early 1960s)

Excavation History Apartment building built in 1973 - 3 level; underground parking garage

Visible Wastes Tar seeping into underground parking garage

Odour Odour of tar in parking garage

Water Pollution Shallow groundwater contaminated by coal tar

5. **Resource Characteristics:**

Surface Water Rideau River

Proximity Adjacent (southern boundary)

Use Recreational

Groundwater, Proximity Shallow groundwater within 3 m of surface

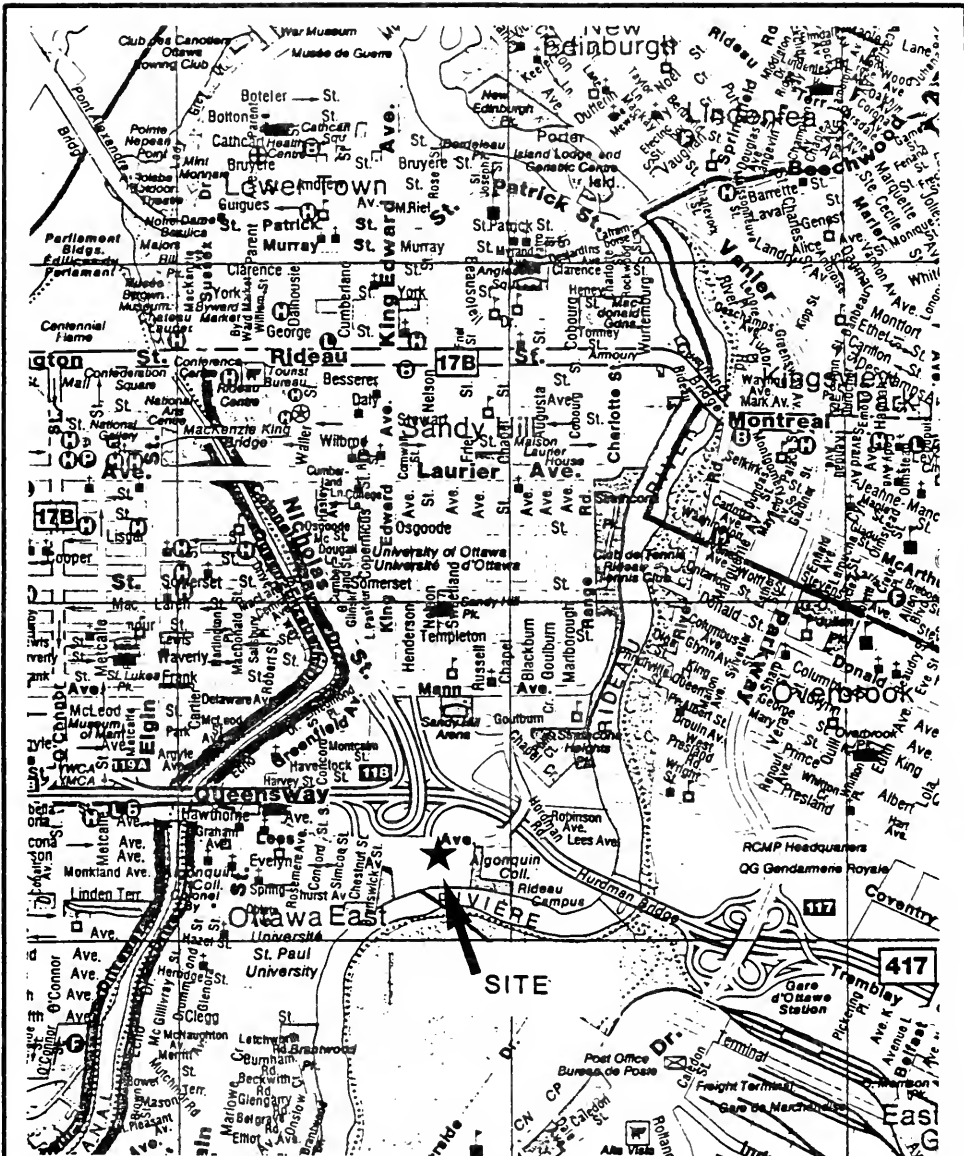
Use Not used

Proximity of Existing Wells None in impacted area

Site Investigations Hydrogeologic study for MOE by Intera Technologies Ltd.

(1987). Soils studies for apartment construction by Golder Associates (1968, 1972).

6. **Comments/Remarks:** Site has residual tar and oils in subsurface. Tar seeping into parking garage is most significant impact.



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City of Ottawa, showing location of
Hamilton Tar Products/Currie Products
site.

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Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Sault Ste. Marie Street Address 55 Baseline Rd.
 MOE Region Northeastern
 MOE District Sault Ste. Marie NTS Map Sheet 41 K/9
 Historical Maps and Photos Available 1919 town plan; 1925 fire insurance plan
(sheet 29); 1949 revisions of 1943 city plan (all from Sault Ste. Marie Public
Library); 1939 air photo (NAPL A-5634-67)

2. Site Identification:

Name Dominion Tar and Chemical Co. Ltd.
 Type of Facility Coal tar distillation plant
 Operator(s) and Period(s) of Operation Dominion Tar and Chemical Co. Ltd./
Domtar Chemicals (approx. 1911 to present)

3. Site Characteristics:

Size (when operated) Approx. 9 hectare
 Present Land Use Industrial, Domtar Chemicals (active site)
 Planned Land Use Industry to cease operations at site, July 1, 1988
 Present Occupant(s) Domtar Chemicals Group, Domtar Inc.
 Present Land Use Adjoining Properties North - industrial and residential; east -
industrial; south - industrial; west - industrial
 Underground Utilities Pipelines between Algoma and Domtar

Soil Conditions Sand overlying clay overlying silt overlying silty sand till overlying bedrock

Site Access Controlled, limited access

4. **Evidence of Buried Wastes:**

Operating Period 77 years (approx. 1911 to present) in association with Algoma Steel by-product coke ovens

Excavation History Unknown

Visible Wastes Coal tar found in Spring and Bennett Creeks

Odour Coal tar odour around site but also attributable to Algoma property

Water Pollution Coal tar found in Spring and Bennett Creeks and in underlying soils

5. **Resource Characteristics:**

Surface Water St. Mary's River, Spring Creek, Bennett Creek

Proximity Algoma Slip, Spring Creek & Bennett Creek adjacent to site

Use Recreational/industrial

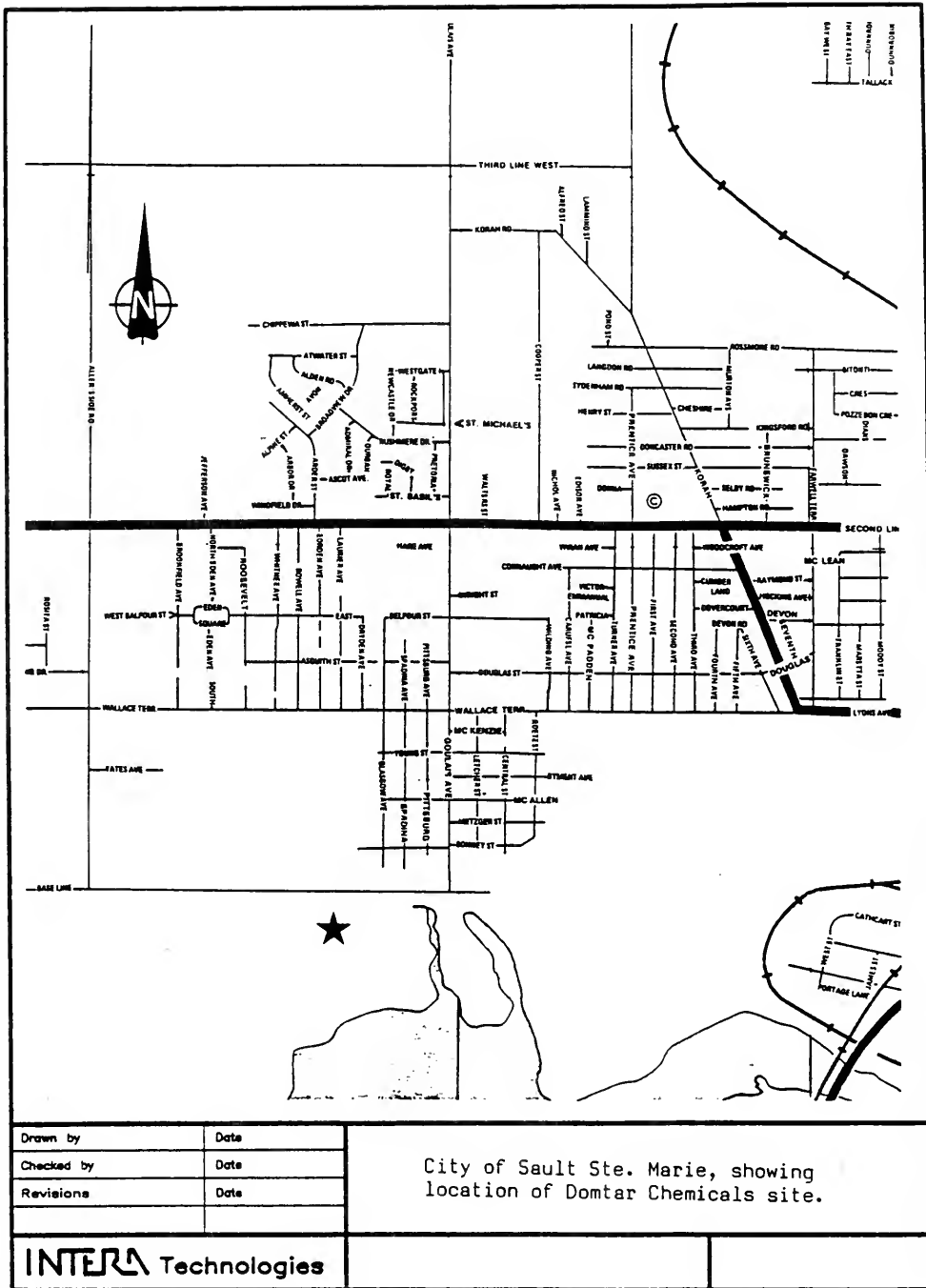
Groundwater, Proximity In bedrock approx. 30 - 100 m below surface

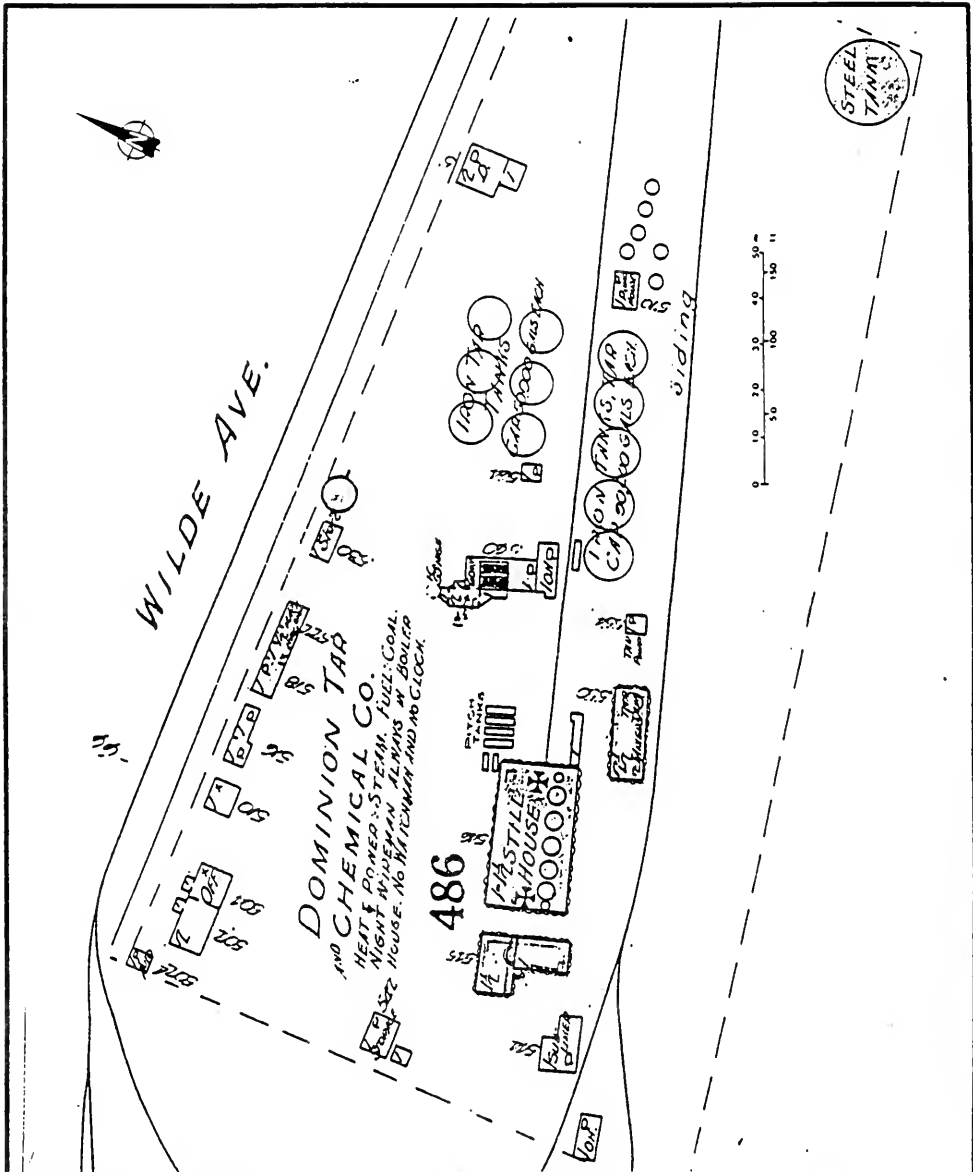
Use Municipal and industrial water supply

Proximity of Existing Wells Domtar well on-site, Cooper Well adjacent; Municipal wells 1 - 2 km

Site Investigations Ongoing site investigation by Gartner-Lee Assoc. of coal tar contamination

6. **Comments/Remarks:** Coal tar found in creeks and soils around the site. Site investigations ongoing by owners and MOE. Domtar and Cooper well water quality tested by MOE. Off-site disposal areas unknown - probably on-site or to Algoma Slag Dump.





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1925 Plan of Domtar site, (Source: Fire insurance plan, Sault Ste. Marie Public Library, sheet 29)

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Thunder Bay Street Address North end of Maureen St. on
MOE Region Northwestern Lake Superior
MOE District Thunder Bay NTS Map Sheet 52 A/6
Historical Maps Available 1971 Military City Map (Public Archives Canada,
NMC 78725); 1940 oblique air photo (Thunder Bay Library); 1950 air photo (NAPL
A12667-93)

2. Site Identification:

Name Northern Wood Preservers Inc.
Type of Facility Coal tar distillation plant (1946 - late 1970s) and creosoting
plant (1940 - present)
Operator(s) and Period(s) of Operation Northern Tar and Chemical Co. Ltd.,
Northern Wood Preservers Ltd., Northern Forest Products Ltd. (1940 - 1974)
Abitibi Price (Northern Wood Preservers Ltd, (1974 - 1982), Northern Wood
Preservatives Inc. (1982 - present)

3. Site Characteristics:

Size (when operated) About 20 hectare
Present Land Use Heavy industrial

Planned Land Use As is
Present Occupant(s) Northern Wood Preservers Inc.

Present Land Use Adjoining Properties North - Saskatchewan Wheatpool Elevators;
east - Lake Superior; south - Harris Rebar Inc., Thunder Bay Marine Services;
west - CN railyards
Underground Utilities Sanitary sewer and water lines

Soil Conditions 0 - 4 m landfill sands overlying silty grey clay

Site Access Controlled

4. **Evidence of Buried Wastes:**

Operating Period 1940 - present (48 years)

Excavation History Unknown

Visible Wastes In harbour sediment samples (1973, 1984, 1986); MOE divers
large area of visible sediment contamination 1 m thick; significant creosote
contamination in landfill sands identified from borehole investigation (1977)

Odour Creosote odour associated with currently operating plant

Water Pollution Oil slicks frequently reported in harbour in the vicinity of site,
creosote contaminated sediments in harbour, 6500 m² area of heavy creosote
contamination identified adjacent to creosote plant (1977)

5. **Resource Characteristics:**

Surface Water Lake Superior - Thunder Bay harbour

Proximity Adjacent

Use Recreational/industrial

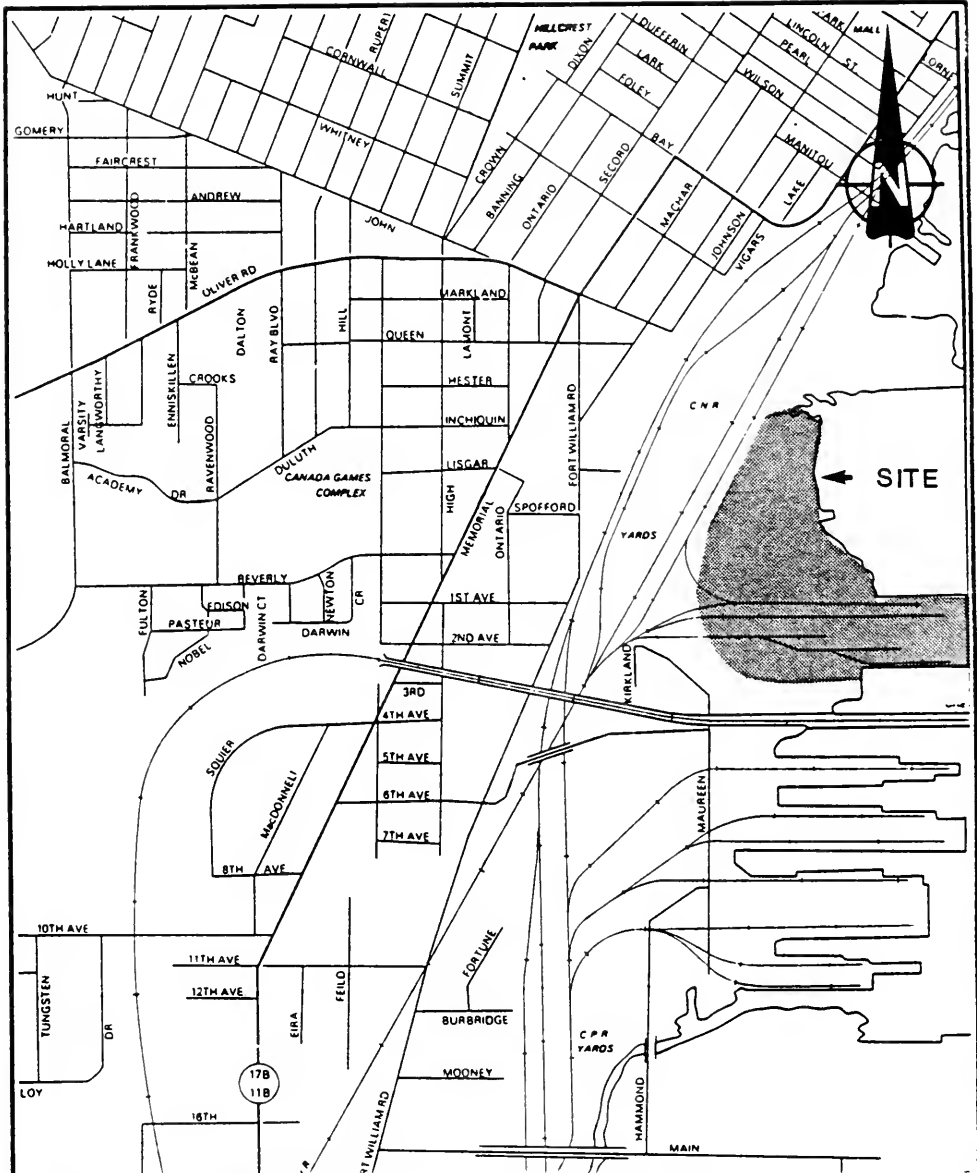
Groundwater, Proximity 1 m

Use None

Proximity of Existing Wells None reported

Site Investigations - Soil and Groundwater Investigation - Wardrop and Assoc.
(1977); Soil and Sediment Survey, Berard and Tseng, Environment Canada (1986)

6. **Comments/Remarks:** - Announcement of site construction in May 18, 1939 issue of
city paper, site currently under MOE control order



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City of Thunder Bay, showing location
of Northern Wood Preservers site.

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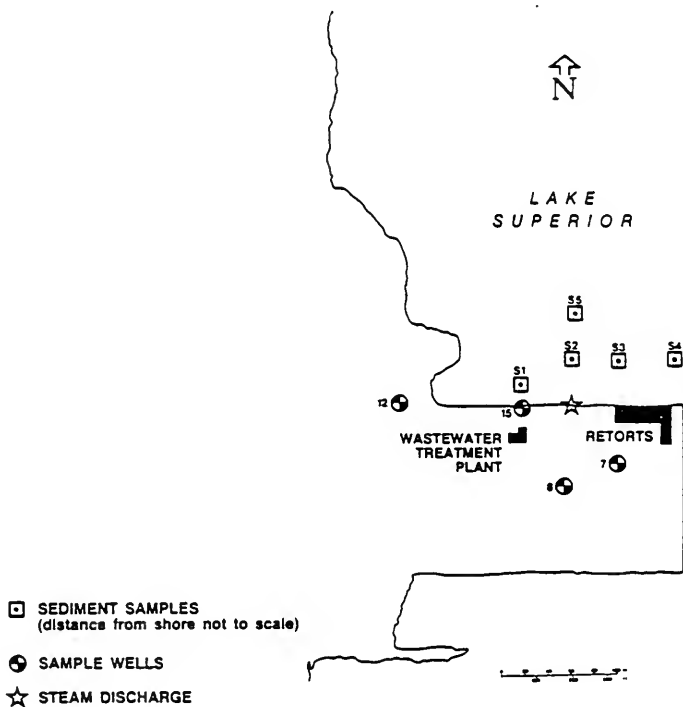


FIGURE 3
NORTHERN WOOD PRESERVERS INC., THUNDER BAY
SAMPLING WELL AND SEDIMENT LOCATIONS

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1984 Plan of Northern Wood Preservers site,
(Source: Berard, M. and T. Tseng, Environment
Canada Report, 1986)

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Toronto Street Address 675 Lakeshore Blvd. E.
MOE Region Central
MOE District Toronto NTS Map Sheet 30 M/11
Historical Maps and Photos Available 1935 fire insurance plan (Public Archives
Canada NMC 13999, sheet 257); 1951 fire insurance plan (Public Archives Canada
NMC 9944, sheet 257); 1939 air photo (NAPL A6591-36)

2. Site Identification:

Name Barrett Co.
Type of Facility Coal tar distillation plant
Operator(s) and Period(s) of Operation The Barrett Co. (1921 - 1965)

3. Site Characteristics:

Size (when operated) 2.0 hectare
Present Land Use Commercial
Planned Land Use Same
Present Occupant(s) Greyhound Lines of Canada Ltd. (bus garage - north end);
Chai Kosher Poultry Processors (south end)
Present Land Use Adjoining Properties North, east, west and south - industrial/
commercial
Underground Utilities Storm and sanitary sewer along Saulter St. and Lakeshore
Blvd. E.

Soil Conditions Unknown probably landfill overlying clay/silt

Site Access Greyhound property fenced with open entrance. Access unlimited

4. Evidence of Buried Wastes:

Operating Period 1921 - 1965 (44 years)

Excavation History Construction of bus garage and buried fuel tanks encountered
creosote in soil (1981/82)

Visible Wastes Historically wastes present during construction but none
noticeable now

Odour Odours noticeable in storm sewer, catch basins of Greyhound parking lot
and historically reported during excavation

Water Pollution None observed or reported

5. Resource Characteristics:

Surface Water Lake Ontario/Turning Basin

Proximity Lake Ontario approx. 1 km; Turning Basin approx. 250 m

Use Industrial, recreational

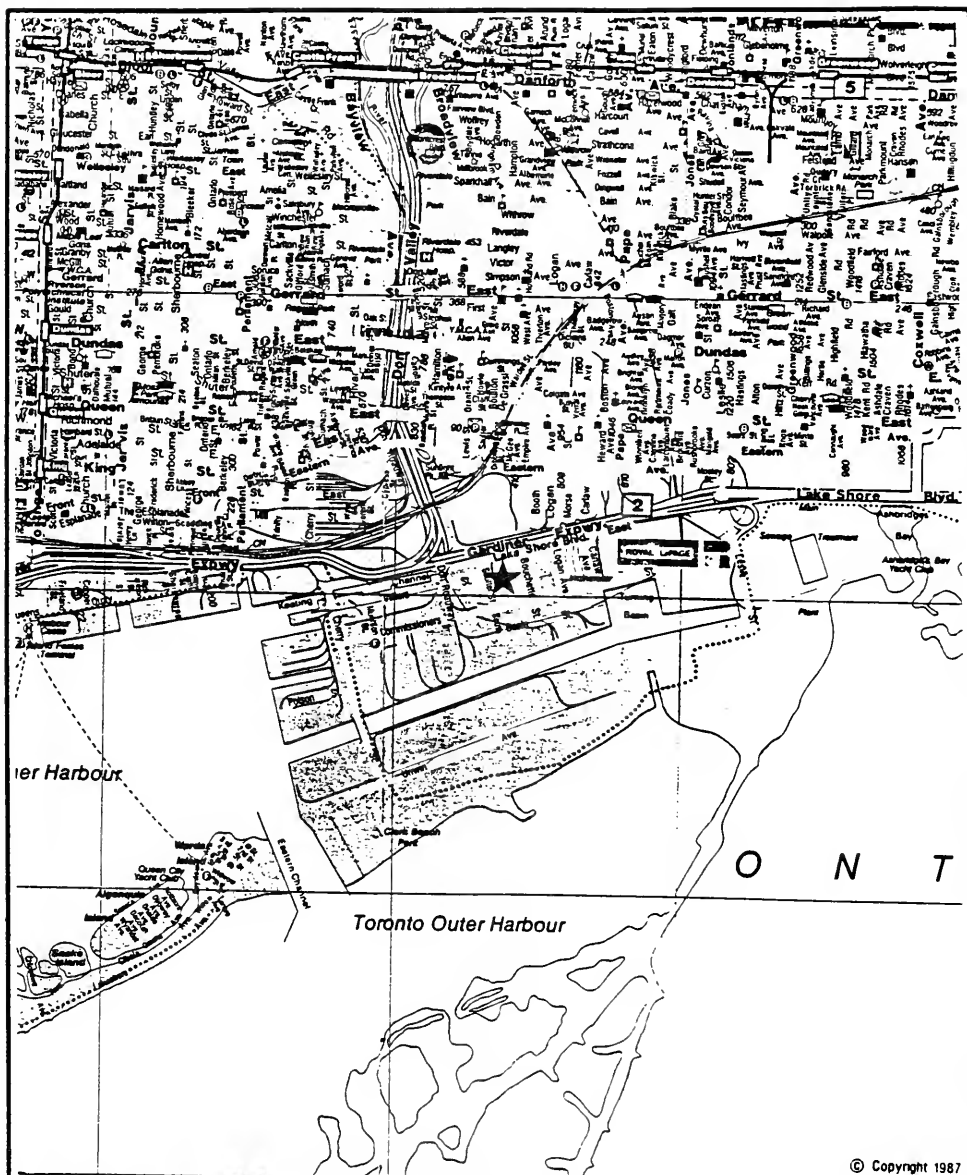
Groundwater, Proximity Unknown

Use Not used

Proximity of Existing Wells Unknown

Site Investigations None reported

6. Comments/Remarks: Creosote detected in excavations for Greyhound garage in
1981-82. Creosote seeping into excavation. Off-site odour complaints reported
to MOE during construction. Contaminated soil refused at Leslie St. spit and
hailed to Beare Rd. landfill; areas of creosote contamination left on-site and
covered (1981, 82)

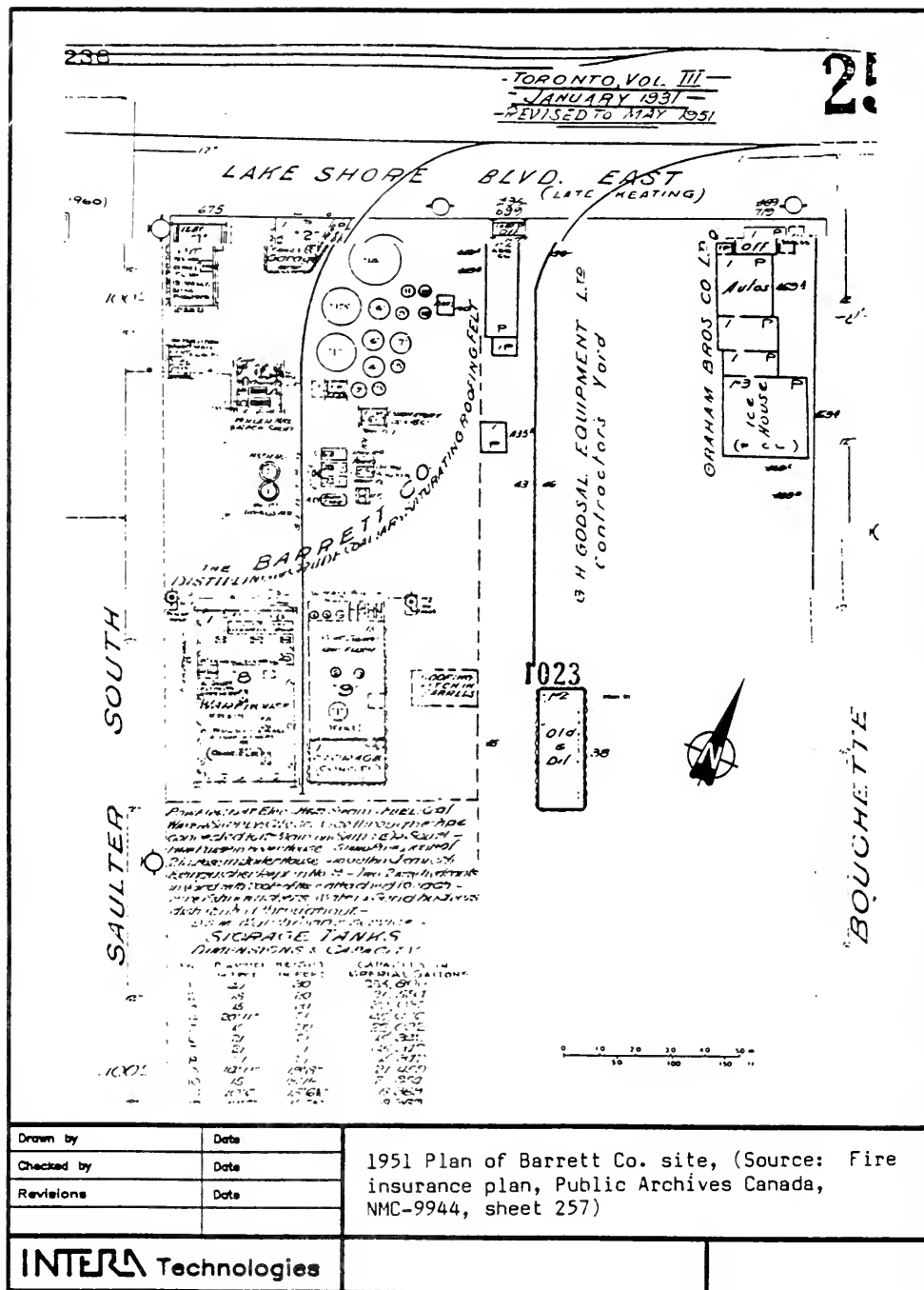


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City of Toronto, showing location of
Barrett Co. site (675 Lakeshore Blvd.).

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Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Toronto Street Address 801 Lakeshore Blvd. E.
 MOE Region Central Toronto, Ontario
 MOE District Toronto NTS Map Sheet 30 M/11
 Historical Maps Available 1912 Goad atlas map (Public Archives Canada, NMC 9948,
Sheet 30); 1935 fire insurance plan (Public Archives Canada, NMC 13999,
Sheet 258); 1939 air photo (NAPL A6591-36)

2. Site Identification:

Name Dominion Tar and Chemical Co. Ltd./Domtar
 Type of Facility Coal tar distillation plant
 Operator(s) and Period(s) of Operation Dominion Tar and Chemical/Domtar
(1925 - 1974)

3. Site Characteristics:

Size (when operated) 3.3 hectare
 Present Land Use Commercial in north and central sections (Mayfair Lakeshore
Racquet Club) and vacant undeveloped at south end near Commissioners St.
 Planned Land Use Expansion of Racquet Club to south, possible energy from
waste project on Belkin property
 Present Occupant(s) Mayfair Lakeshore Racquet Club, Belkin Paper Ltd.
 Present Land Use Adjoining Properties North - commercial; east - commercial;
south - industrial; west - industrial/recreational
 Underground Utilities Sewers along Logan, Commissioner and Carlaw Sts.

Soil Conditions Fill material at surface overlying sand and clay

Site Access Uncontrolled

4. Evidence of Buried Wastes:

Operating Period 49 years (1925 to 1974)

Excavation History Domtar buildings removed 1980, most tanks and contents removed 1984, construction of Racquet Club (1987-88)

Visible Wastes Remnants of tar soaked felt/paper, tar stained concrete, cistern containing tar and water evident at south end of property

Odour Odour of coal tar at several locations on-site, most noticeable at south end of block

Water Pollution Phenols present in groundwater at moderate to high concentrations; PAHs present in groundwater at most of the sampled locations

5. Resource Characteristics:

Surface Water Lake Ontario/Turning Basin

Proximity Lake Ontario - 750 m, Turning Basin - 200 m

Use Industrial, recreational

Groundwater, Proximity Unknown

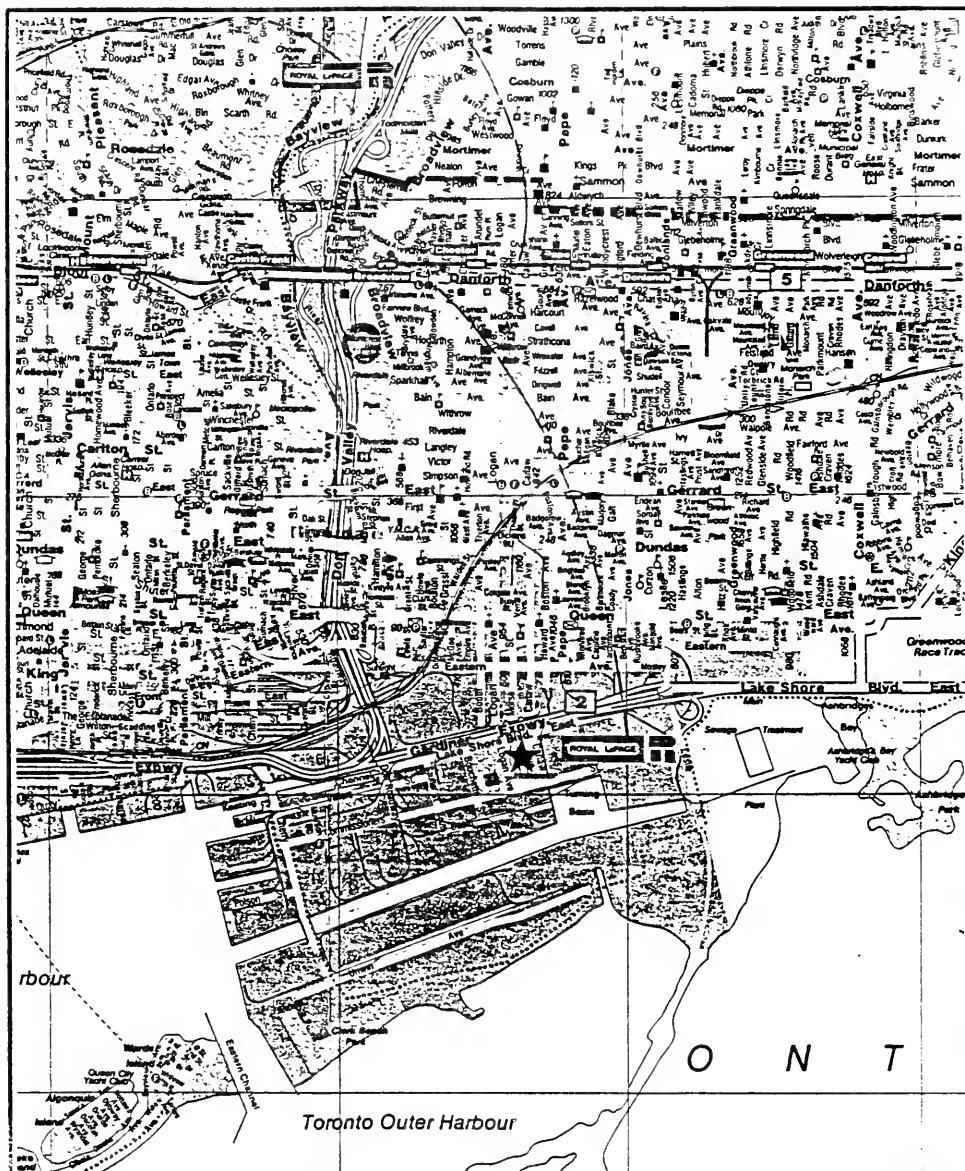
Use Not used

Proximity of Existing Wells None known

Site Investigations Cutforth, White and Associates and MacLaren Plansearch Inc. (1985); Trow Ltd. (1978); MOE surface soil sampling (1984)

6. Comments/Remarks: Hydrogeologic study by Cutforth, White indicates soil

and groundwater contamination on-site in 1985. Treatment plant for groundwater in place in 1988, some underground cisterns, tanks still in place with residual creosote/tar near south end of property. Tar likely transported by pipeline from adjacent Consumers Gas, Station "B" plant.



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City of Toronto, showing location of
Dometar Chemicals site.

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Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Toronto Street Address 6 Morse St., southern part of
blocks bounded by Logan,
Lakeshore, Morse and Carlaw

MOE Region Central

MOE District Toronto NTS Map Sheet 30 M/11

Historical Maps and Photos Available 1912 Goad atlas map (Public Archives Canada
NMC 9948, sheet 30); 1935 fire insurance plan (Public Archives Canada NMC 13999,
sheet 249); 1951 fire insurance plan (Public Archives Canada NMC 9944, sheet 249);
1939 air photo (NAPL A6591-36)

2. Site Identification:

Name Imperial Varnish and Colour Co. Ltd.

Type of Facility Oil tar distillation/paint manufacturer

Operator(s) and Period(s) of Operation Imperial Varnish and Colour Co. Ltd.
(1900 to 1960) but stopped using oil tar as a raw material sometime between 1935
and 1951

3. Site Characteristics:

Size (when operated) 0.7 hectare (1935) 1.0 hectare (1951)

Present Land Use Commercial

Planned Land Use Same

Present Occupant(s) Purolator Courier Ltd.

Present Land Use Adjoining Properties North, east, south, west - commercial

Underground Utilities Storm and sanitary sewers along Lakeshore, Logan and Morse

Soil Conditions Unknown

Site Access Fenced with gate - limited access

4. Evidence of Buried Wastes:

Operating Period 35 to 51 years

Excavation History None reported - plant demolished c1966; new building constructed c1969 on piles

Visible Wastes None observed or reported

Odour None observed or reported

Water Pollution None observed or reported

5. Resource Characteristics:

Surface Water Lake Ontario/Turning Basin

Proximity Lake Ontario - 1.8 km Turning Basin - 300 m

Use Industrial, recreational

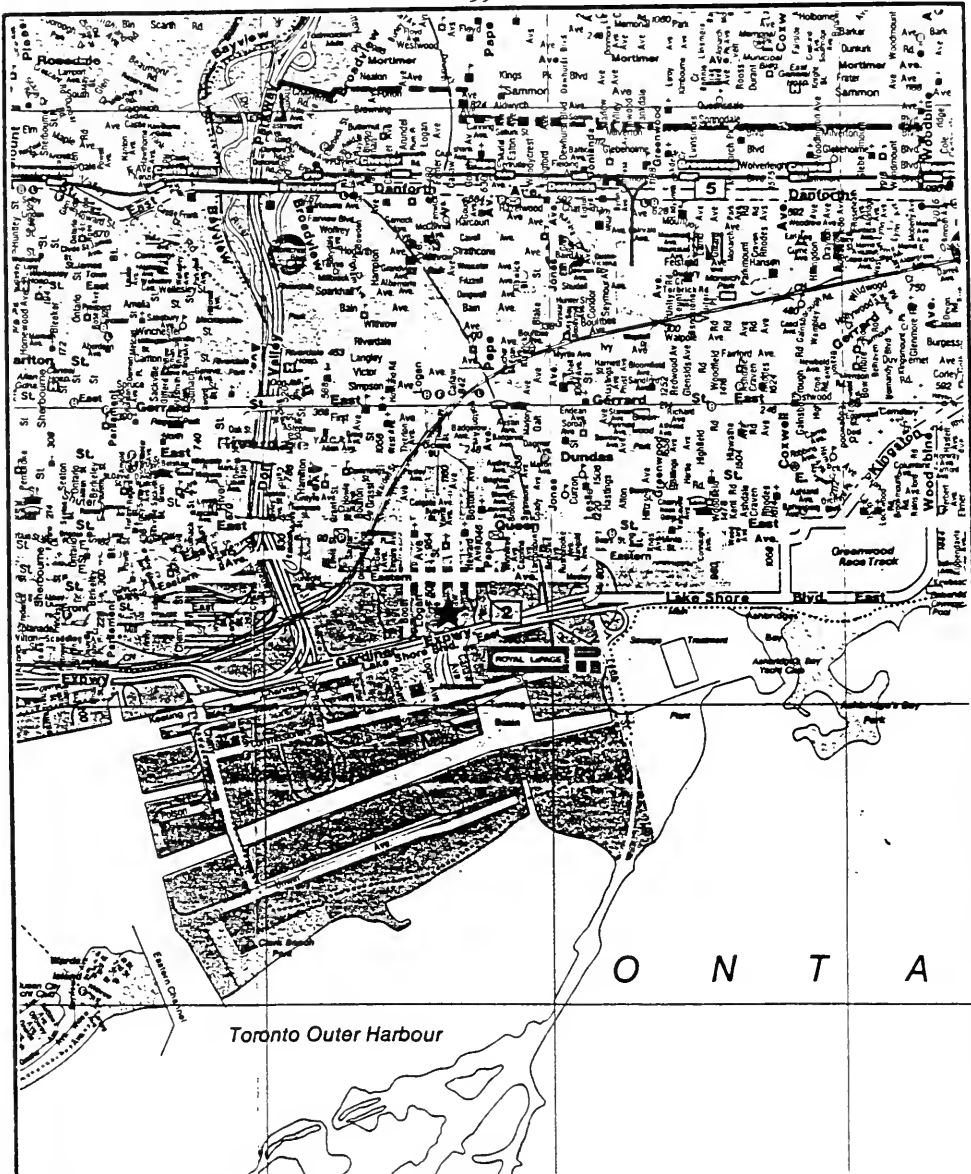
Groundwater, Proximity Unknown

Use Not used

Proximity of Existing Wells None reported

Site Investigations None reported

6. Comments/Remarks: Imperial Varnish stopped using tar as a raw material some-time between 1935 and 1951. Change in operation included expansion to include Morse-Carlaw block. In period 1916-1929, approx. 900,000 gal/yr water gas tar processed by Imperial Varnish. 1935 maps show pitch tanks, site occupied before 1900 by J.H. Farr Varnish Works



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City of Toronto, showing location of
Imperial Varnish and Colour site.

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1935 Plan of Imperial Varnish and Colour,
(Source: Fire insurance plan, Public Archives
Canada, NMC-13999, sheet 249)

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Toronto Street Address 5-33 Hahn Place
 MOE Region Central (bottom of Berkeley St.)
 MOE District Toronto NTS Map Sheet 30 M/11
 Historical Maps and Photos Available 1909 fire insurance plan (Public Archives
Canada NMC 31775, sheet 10); 1918 fire insurance plan (Public Archives Canada
NMC 13996, sheet 10); 1939 air photo (NAPL A6591-37)

2. Site Identification:

Name Paterson Co./Barrett Co.
 Type of Facility Coal tar distillation/roofing felt manufacturer
 Operator(s) and Period(s) of Operation Paterson Manufacturing Co. Ltd. (1900 -
1916); The Barrett Co. Ltd. (1916 - 1921)

3. Site Characteristics:

Size (when operated) 0.9 hectare
 Present Land Use Residential
 Planned Land Use As is
 Present Occupant(s) Place St. Laurent (apartment tower)
New Dimensions Housing Co-op (apartments)
 Present Land Use Adjoining Properties North - public use (day care centre);
east - residential; south - residential; west - residential
 Underground Utilities Storm and sanitary sewers along Hahn Place and Longboat

Soil Conditions Assumed landfill over silt/clay, bedrock at about 10 m

Site Access Uncontrolled

4. **Evidence of Buried Wastes:**

Operating Period 1900 - 1921 (21 years)

Excavation History Excavation in 1980/81 for construction of apartment complex
- caisson excavation at 33 Hahn Place, tar/oil reported

Visible Wastes Tarry and oily soil removed from site during apartment
construction, most of contaminated soil near north end of property close to
Berkeley St.

Odour None observed, although building at 5 Hahn Place has gas venting system
to remove vapours from below building, periodic complaints by tenants during
venting

Water Pollution None observed, although building storm sumps not inspected

5. **Resource Characteristics:**

Surface Water Lake Ontario

Proximity 180 m south

Use Recreational, industrial

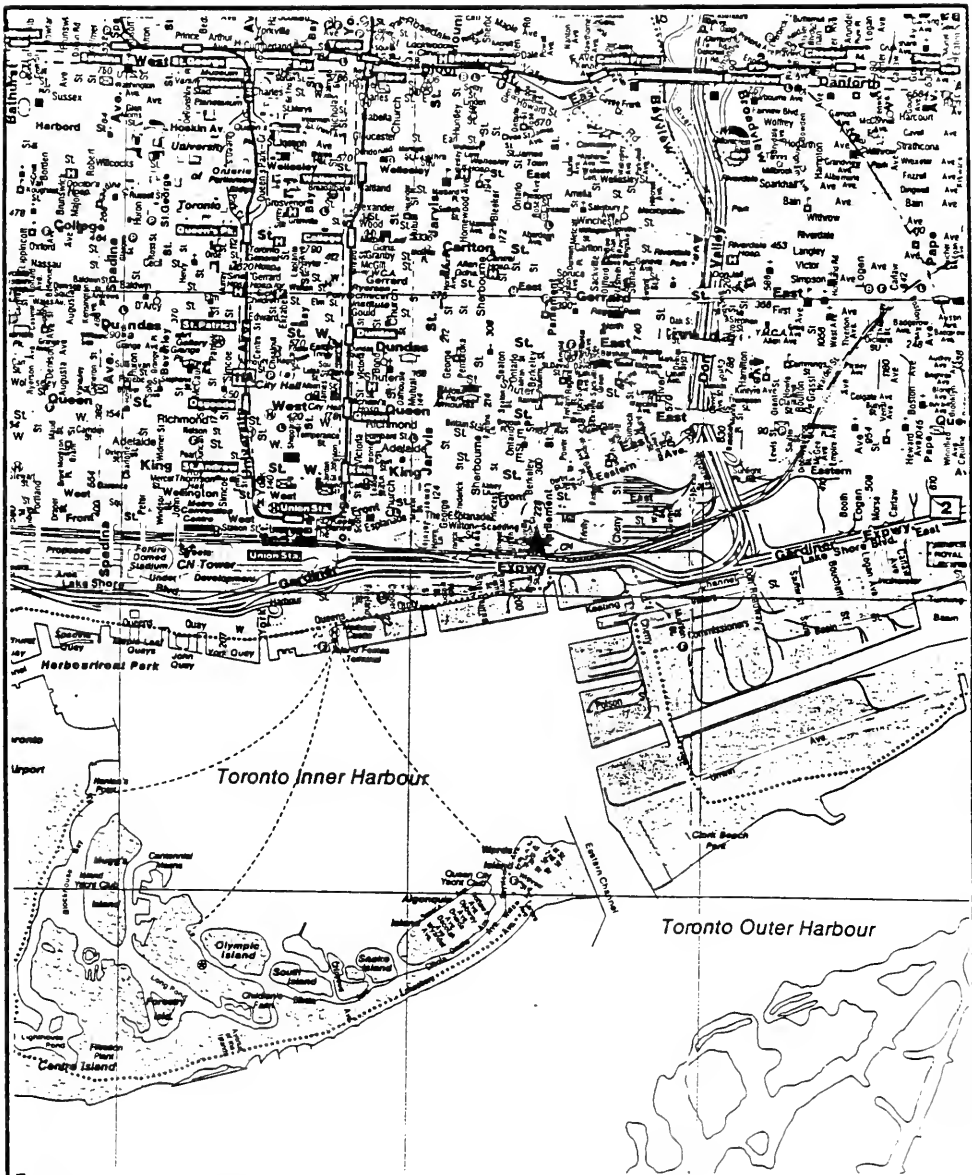
Groundwater, Proximity About 2 m

Use None

Proximity of Existing Wells None reported in area

Site Investigations Boreholes for apartment complex construction

6. **Comments/Remarks:** Oily and tarry soil removed from site during apartment
construction, gas venting system in southern building, site was formerly on water
front on reclaimed land



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City of Toronto, showing location of
Paterson/Barrett Co. site.

INTERA Technologies

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Windsor Street Address In block bounded by Riverside,
 MOE Region Southwestern Bellevue, Cadillac & Wyandotte
 MOE District Windsor NTS Map Sheet 40 J/6
 Historical Maps and Photos Available 1924 fire insurance plan (Regional
Collection, University of Western Ontario, key and sheet 13); 1950 air photo
(NAPL A12503-47)

2. Site Identification:

Name Ford Motor Co.
 Type of Facility Coal tar distillation/by-products plant and industrial coal
gasification plant
 Operator(s) and Period(s) of Operation Ford Motor Co. (1923 to at least 1950)

3. Site Characteristics:

Size (when operated) 2.0 hectare
 Present Land Use Ford Motor Co. Power Plant
 Planned Land Use Same
 Present Occupant(s) Ford Motor Co.

Present Land Use Adjoining Properties North - Detroit River; east - residential;
west - residential; south - industrial
 Underground Utilities Storm sewer and power lines on property; storm & sanitary
sewers and water along Wyandotte and Riverside St.

Soil Conditions UnknownSite Access Controlled, limited access

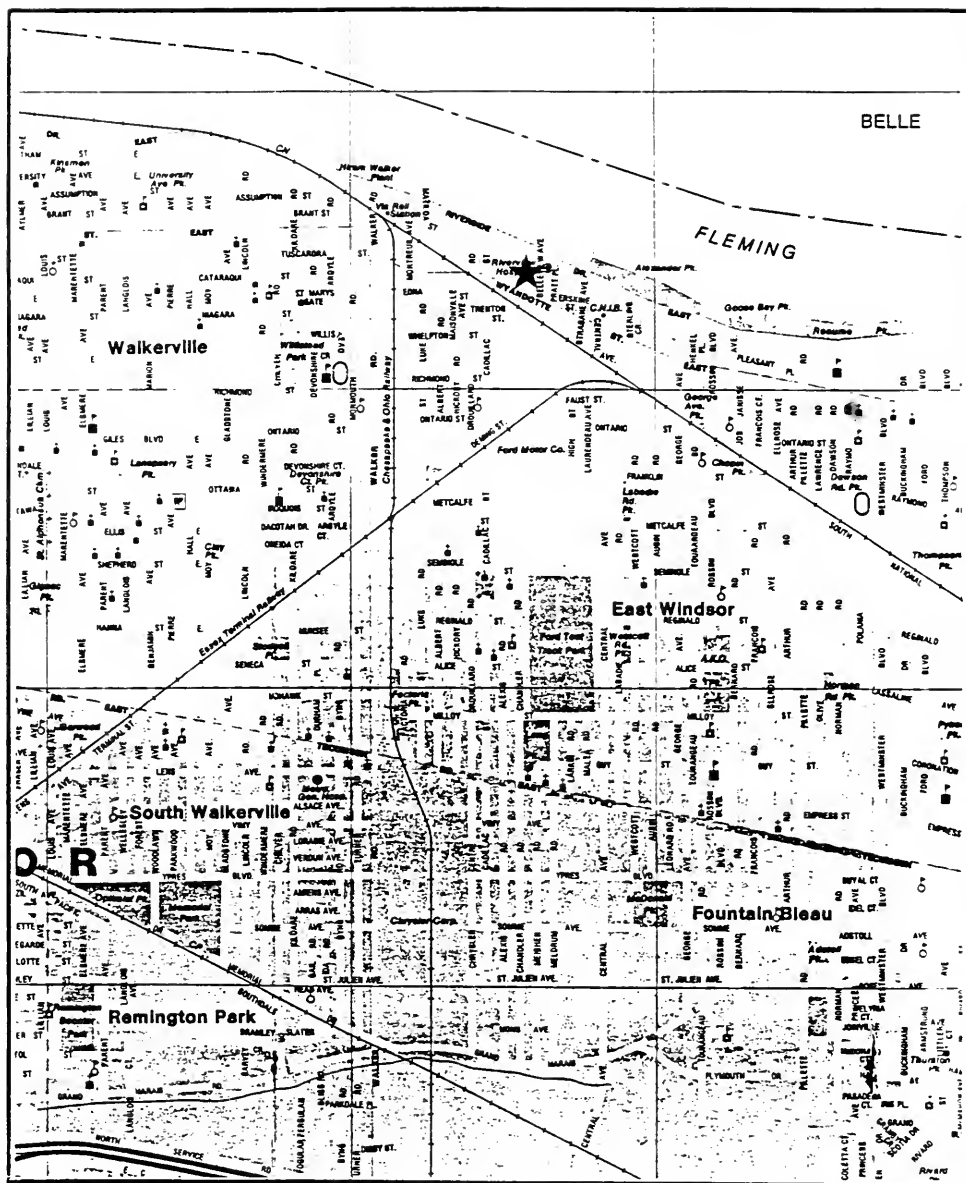
4. Evidence of Buried Wastes:

Operating Period 1923 - at least 1950 (25 - 30 years)Excavation History UnknownVisible Wastes None reported or observedOdour None reported or observedWater Pollution None reported or observed

5. Resource Characteristics:

Surface Water Detroit RiverProximity 50 m northUse Water supply downstream, recreationalGroundwater, Proximity UnknownUse Not useProximity of Existing Wells UnknownSite Investigations None reported

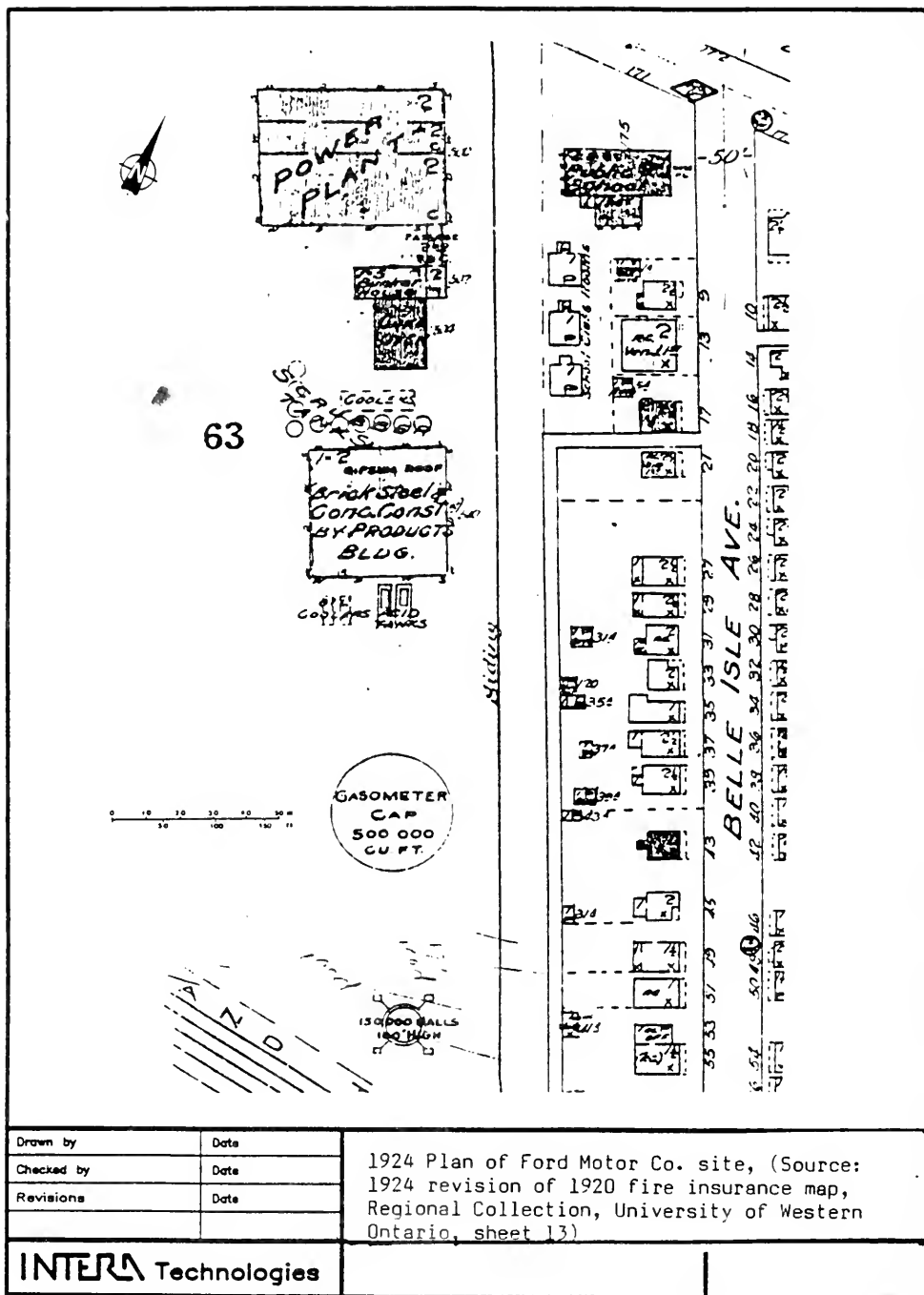
6. Comments/Remarks: Coal gasification plant, coal tar distillation and associated by-products plant; 1950 air photo shows gasometer and power plant in operation, coal docks on Detroit River, foundations of coke ovens evident on-site, part of bunker house and underground concrete tanks still in place. Off-site disposal areas unknown.



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City of Windsor, showing location of
Ford Motor Co. site.

INTERA Technologies



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INTERA Technologies

CREOSOTING PLANTS

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Sioux Lookout Street Address 1.6 km east of First Avenue
south of Sioux Lookout Superior
 MOE Region Northwestern Junction Rd.
 MOE District Kenora NTS Map Sheet 52 J/4
 Historical Maps and Photos Available 1950 fire insurance plan (Public Archives
Canada NMC 9697, sheet 7); 1928 air photo (NAPL A49-3); 1937 air photo (NAPL
A5280-49)

2. Site Identification:

Name Calders Canada Ltd.
 Type of Facility Creosoting Plant
 Operator(s) and Period(s) of Operation Calders Canada Ltd./Canada Creosoting
Co. Ltd. (1928 - 1960)

3. Site Characteristics:

Size (when operated) Entire site 20 hectares, creosoting plant approx. 0.5 hectares
 Present Land Use Vacant, rural
 Planned Land Use Same as present
 Present Occupant(s) Canadian National Railways
 Present Land Use Adjoining Properties North - rural, isolated residential; east,
west & south - bush
 Underground Utilities None

Soil Conditions Swampy ground, fill, sand and clay over bedrock

Site Access Uncontrolled

4. **Evidence of Buried Wastes:**

Operating Period 1928 - 1960 (32 years)

Excavation History Unknown

Visible Wastes Creosote pitch observed at surface in several locations on site as reported by MOE officials

Odour Odours on-site where creosote is exposed

Water Pollution Unknown

5. **Resource Characteristics:**

Surface Water Unnamed stream drains to Pelican Lake

Proximity 500 m south

Use Recreational

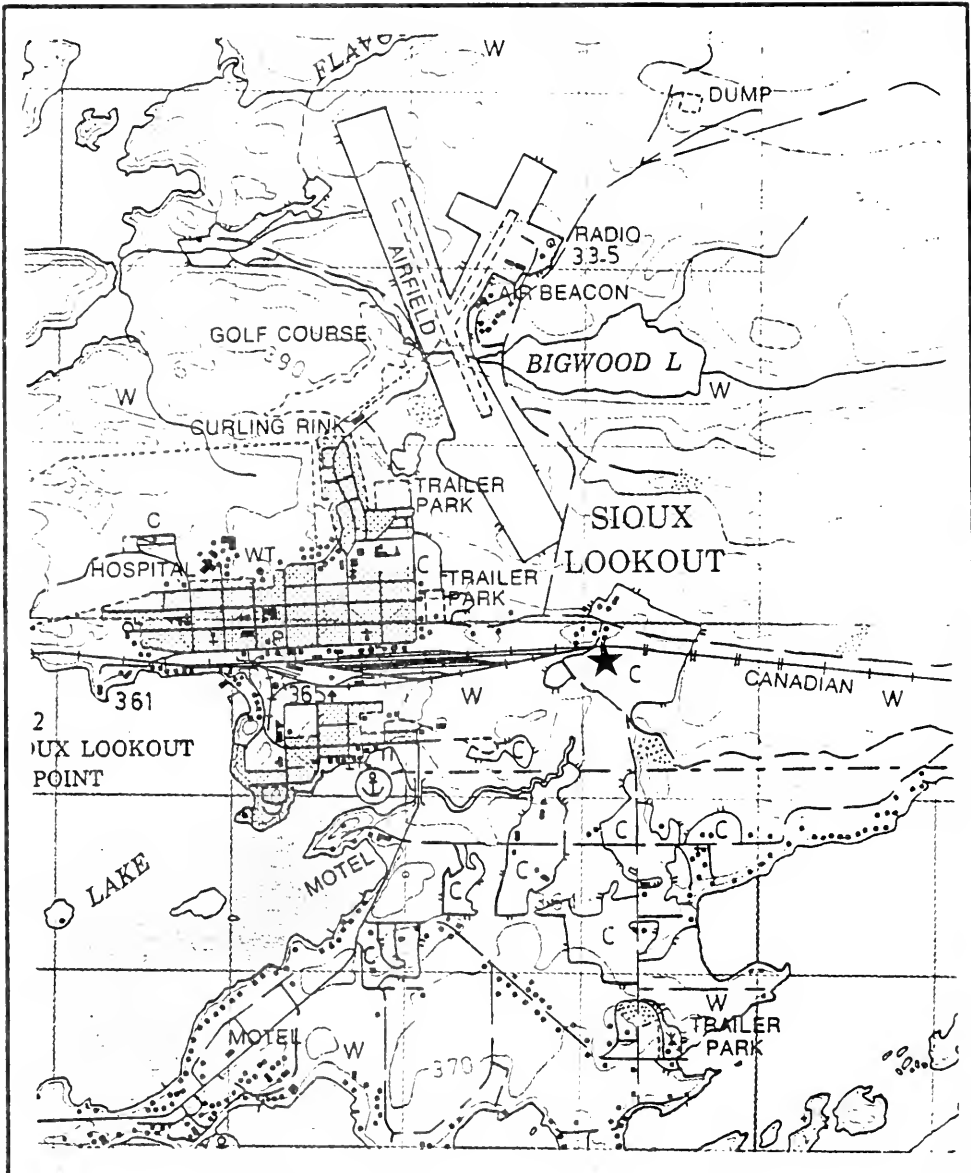
Groundwater, Proximity Close to ground surface - swampy area

Use Limited: water supply for 1 resident north of CN tracks

Proximity of Existing Wells 800 m north of plant site

Site Investigations None reported

6. **Comments/Remarks:** Former plant located outside of Sioux Lookout town limits, site is now vacant, residences close to the site obtain water from town (Lake) supply, site visited by MOE officials



Drawn by	Date
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Town of Sioux Lookout, showing location of Canada/Calder Creosoting Co. site.

INTERA Technologies

National Rlys

ding No 1

No 2

siding No 3

Area

e

No 1
PLATFORM

Tie P

6.5 7

Steel
Cylinders

750

Transmission
Pump House4000 Gallon
Water Tank4000 Gallon
Water TankSteel
Water
Tanker1 1/2
Mg. Tank

1 1/2

Steel
Creosote Tanks
30' High

Creosote Tanks

CANADA LTD.

Creosoting

0 10 20 30 40 50 m
0 10 20 30 40 50 ft

Drawn by	Date
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1950 Plan of Canada Creosoting Co. site, Sioux
Lookout, (Source: Fire insurance plan, Public
Archives Canada, NMC-9697, sheet 7)

INTERA Technologies

Fact Sheet for Survey of Industrial Coal Tar Sites

1. Site Location:

City Sudbury Street Address South side Lorne St. between
 MOE Region Northeastern Sutherland and Bulmer Sts.
 MOE District Sudbury NTS Map Sheet 41 I/6
 Historical Maps and Photos Available 1942 fire insurance plan (Ontario Archives,
Sudbury, sheets A and 7); 1957 fire insurance plan (Metropolitan Toronto Library,
Map Collection - Sudbury, sheets 40 and 41); 1928 air photo (NAPL A129-5); 1957
air photo

2. Site Identification:

Name Canada Creosoting Co.
 Type of Facility Creosoting plant
 Operator(s) and Period(s) of Operation Canada Creosoting Co. Ltd. (1925 - 1942);
Dominion Tar and Chemical Co. Ltd. (1942 - 1963)

3. Site Characteristics:

Size (when operated) Entire site - 20 hectare; creosoting plant only 2 hectares
 Present Land Use Light industrial, commercial
 Planned Land Use Same as present
 Present Occupant(s) Atlas Copco, Henninger Diesels, Goodyear Tire, United Tire,
Bell Canada Construction Centre, Loeb Wholesale Grocery Warehouse, Coke Bottling
Plant, Acklands Automotive and several other commercial operations
 Present Land Use Adjoining Properties North - residential, east & west -
commercial and residential
 Underground Utilities Storm sewers along Lorne St. and across site; sanitary
sewers along Lorne, Webbwood, Pacific and across site; watermain along Lorne,
Webbwood and Pacific Sts.

Soil Conditions Lots of slag at surface, also fill evident at surface
Site Access Uncontrolled

4. Evidence of Buried Wastes:

Operating Period 1925 - 1963 (38 years)

Excavation History Excavation for construction of all of the existing commercial buildings. Excavation for Loeb building extension (1987) encountered creosote contaminated soils, creosote plant area excavated for Webbwood road, watermain and sanitary sewers

Visible Wastes Creosote pitch observed during Loeb excavation and in drainage ditch on Webbwood Drive

Odour Faint creosote odour in area of observed creosote pitch

Water Pollution Small discharge of oily water from slag adjacent to Webbwood ditch in area of observed creosote pitch

5. Resource Characteristics:

Surface Water Junction Creek

Proximity 200 m

Use Recreational

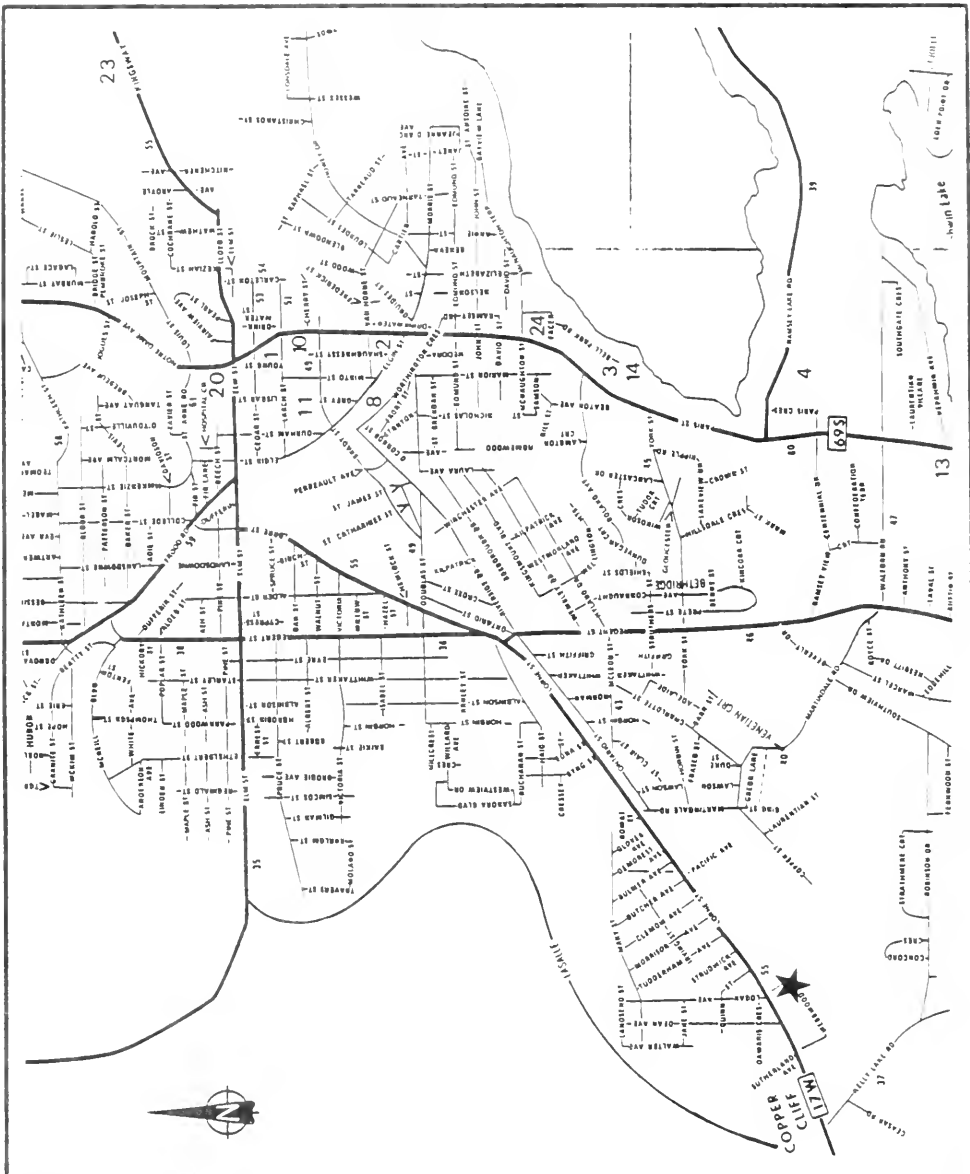
Groundwater, Proximity Unknown

Use None

Proximity of Existing Wells Unknown

Site Investigations None reported

6. Comments/Remarks: Creosote plant (retorts, tanks, etc.) were located at east end of Webbwood Dr. in area of observed creosote pitch. All buildings on-site are constructed on grade without basements. Surface water flow is from northwest to southeast across site to Junction Creek.



Drawn by	Date
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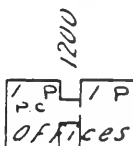
City of Sudbury, showing location of
Canada Creosoting Co./Domtar Chemicals
site.

INTERA Technologies

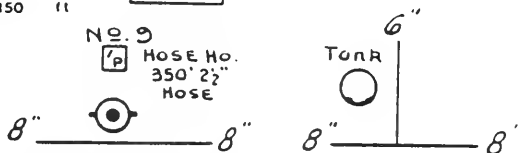
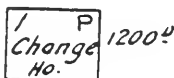
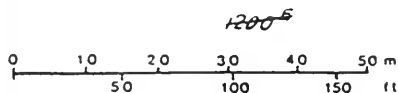
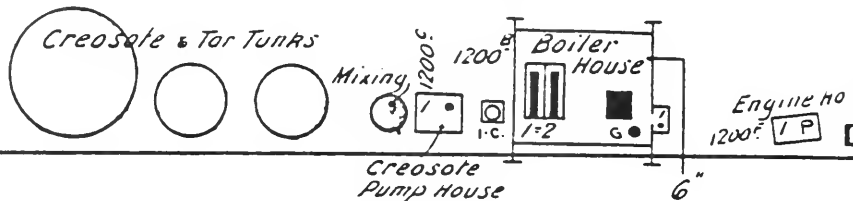
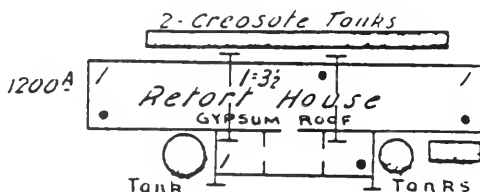
COPPER CLIFF ROAD

JULY 1957

CANADIAN PACIFIC RAILWAY



Power & Light: Elec
Heat: Steam



Drawn by	Date
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1957 Plan of Canada Creosoting Co. site,
(Source: Fire insurance plan, Metropolitan
Toronto Library - Map Collection - Sudbury,
sheets 40 and 41)

INTERA Technologies

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Thunder Bay Street Address north of Carpenter, east of 105th
 MOE Region Northwestern Avenue, on McKellar Is.
 MOE District Thunder Bay NTS Map Sheet 52 A/6
 Historical Maps and Photos Available no historical maps; 1950 air photo (NAPL
A12667-73); 1938 historic photo (Thunder Bay Public Library P-13(8))

2. Site Identification:

Name Canada Creosoting Co. Ltd.
 Type of Facility Creosoting plant
 Operator(s) and Period(s) of Operation Canada Creosoting Co. (1940 - 1942);
Dominion Tar and Chemical Co. (1942 - 1946)

3. Site Characteristics:

Size (when operated) Entire site about 10 hectares, creosoting plant 1 - 2 hectare
 Present Land Use Heavy industrial, petroleum product storage area
 Planned Land Use As is
 Present Occupant(s) Husky Oil Ltd.
 Present Land Use Adjoining Properties North - Kaministiquia River; west - vacant;
east - Shell Oil Ltd., product storage area; south - vacant
 Underground Utilities No storm or sanitary sewers

Soil Conditions Unknown

Site Access Controlled

4. Evidence of Buried Wastes:

Operating Period 1940 - 1946 (6 years)

Excavation History Excavation for storage tank construction

Visible Wastes Creosote/tar observed at surface surrounding 30 m diameter water ponds

Odour No odours detected or reported

Water Pollution None observed or reported

5. Resource Characteristics:

Surface Water Kaministiquia River

Proximity Adjacent

Use Recreational, industrial

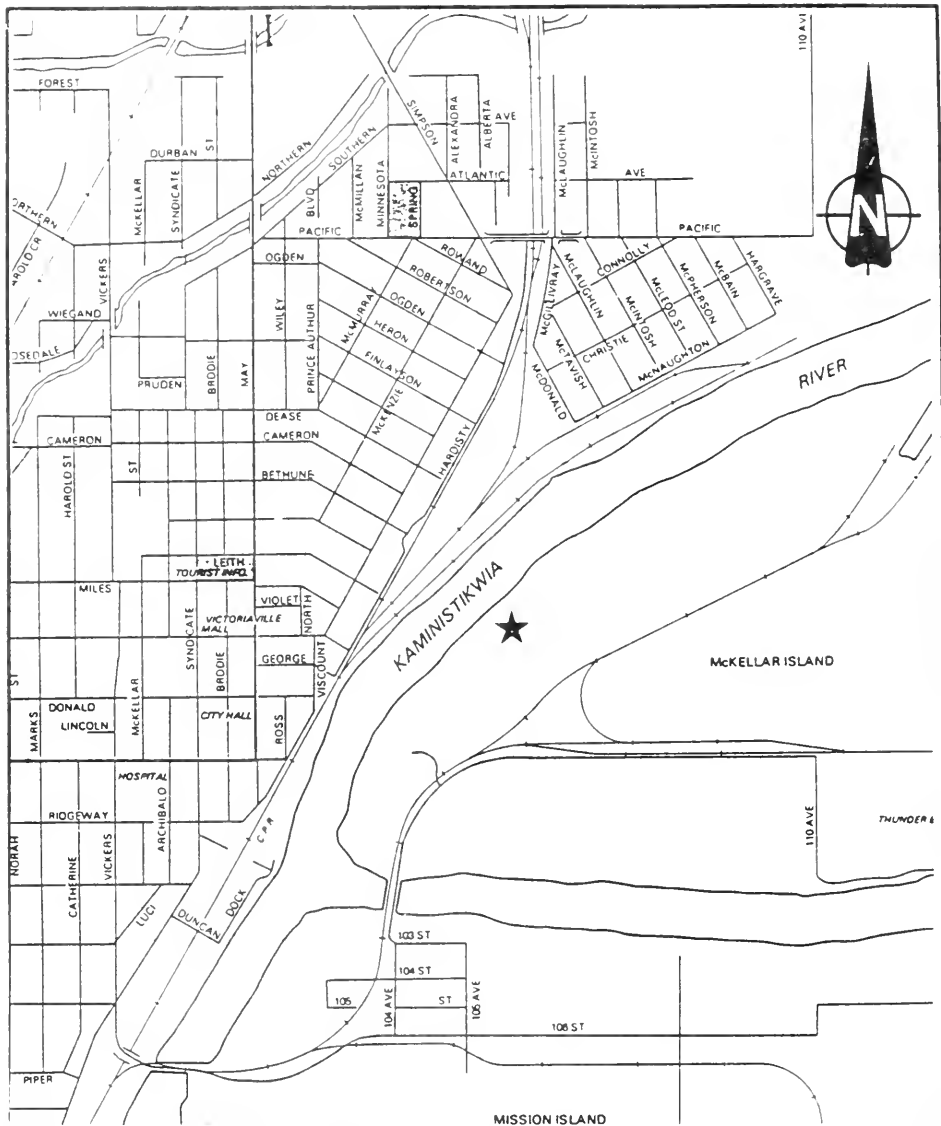
Groundwater, Proximity 1 - 2 m

Use None

Proximity of Existing Wells None reported

Site Investigations None reported

6. Comments/Remarks: Site identification from City Directories (1940 - 1946) and City Assessment Rolls (1941 and 1942); building foundations, old steel tanks and creosote pitch evident at surface of site



Drawn by	Date
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City of Thunder Bay, showing location
of Canada Creosoting Co. site.

INTERA Technologies

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Trenton Street Address 126 Marmora St., site bounded by Marmora St., CP tracks, CN tracks and Trent River

MOE Region Southeastern

MOE District Belleville NTS Map Sheet 31 C/4

Historical Maps and Photos Available 1917 fire insurance plan (Regional Collection, University of Western Ontario, sheet 12); 1949 fire insurance plans (Public Archives Canada NMC 9740, sheets 12 and 26); 1948 air photo (NAPL All795-68)

2. Site Identification:

Name Canada Creosoting Co. Ltd./Domtar

Type of Facility Creosoting plant

Operator(s) and Period(s) of Operation Canada Creosoting Co. Ltd. (1913 - 1942); Dominion Tar and Chemical/Domtar (1942 - present)

3. Site Characteristics:

Size (when operated) Entire site 18 hectare

Present Land Use Heavy industrial manufacturing, active wood preservative plant

Planned Land Use Same as present

Present Occupant(s) Domtar Chemicals Group, Wood Preserving Division

Present Land Use Adjoining Properties North - industrial (Domtar paper); east - residential; south - institutional (police station); west - Trent River

Underground Utilities Storm and sanitary sewers and watermain along Marmora St., unknown manhole on-site

Soil Conditions Silty, gravelly sands (1 - 4 m thickness) overlying fractured limestone

Site Access Controlled, fenced, gate at Marmora St.

4. Evidence of Buried Wastes:

Operating Period 1913 - present (75 years)

Excavation History Recent test pitting and trenching (1987) as part of hydro-geologic study, oily seepages into pits and trenches

Visible Wastes Oil/creosote reported in trenches and exploratory boreholes in soil and rock, oily contaminated runoff observed near Trent River, pit on bank of river contains oil and water mixture

Odour Creosote/tar odours prevalent on-site - active creosoting plant

Water Pollution Oil slicks on standing water in ditch that discharges to Trent River, oily seeps from embankment observed flowing to River

5. Resource Characteristics:

Surface Water Trent River, drainage ditch along north edge of property

Proximity Adjacent

Use Recreational/industrial

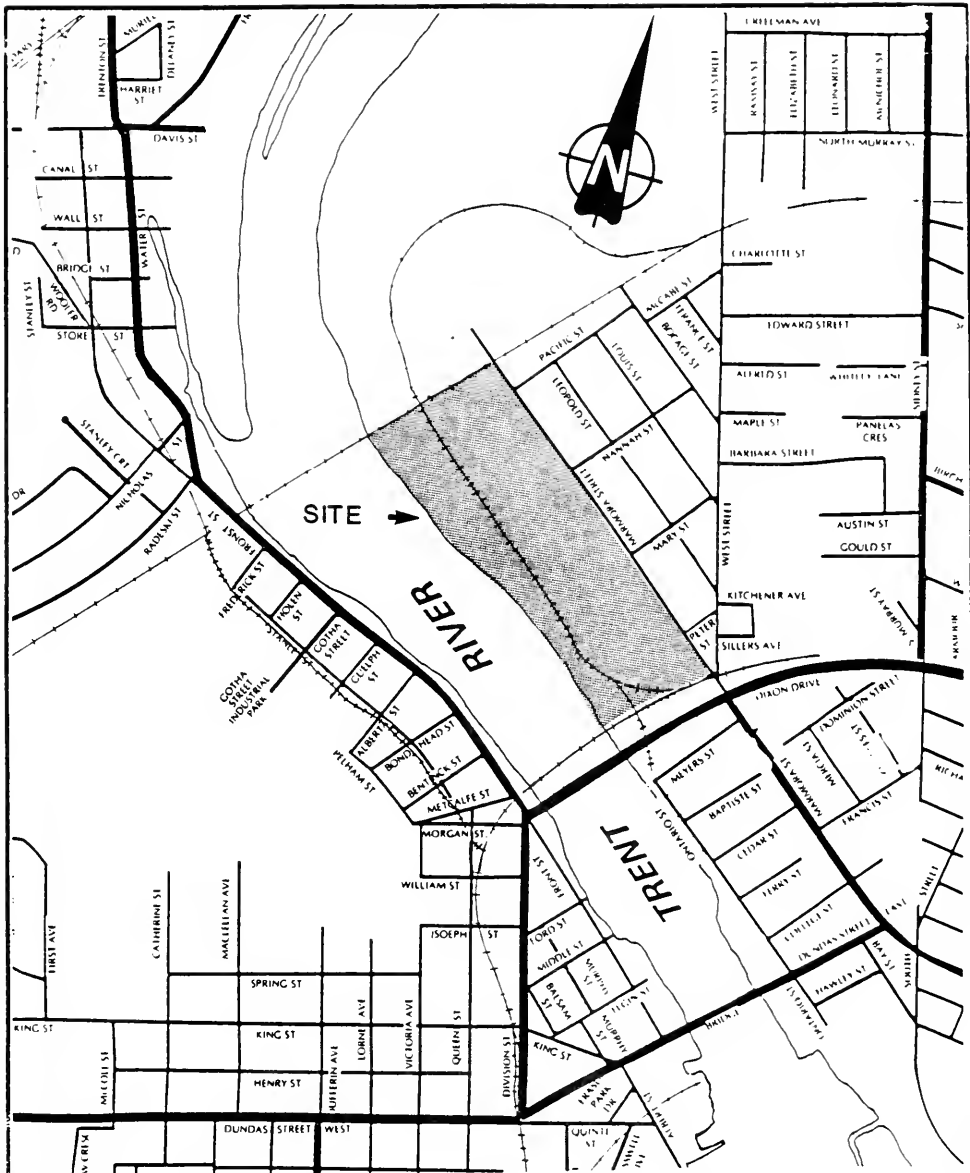
Groundwater, Proximity Within 1 m of ground surface

Use None

Proximity of Existing Wells None reported in area

Site Investigations River sediment sampling (Conestoga Rovers & Assoc., 1987); hydrogeologic investigations (Gartner Lee, 1986; 1987)

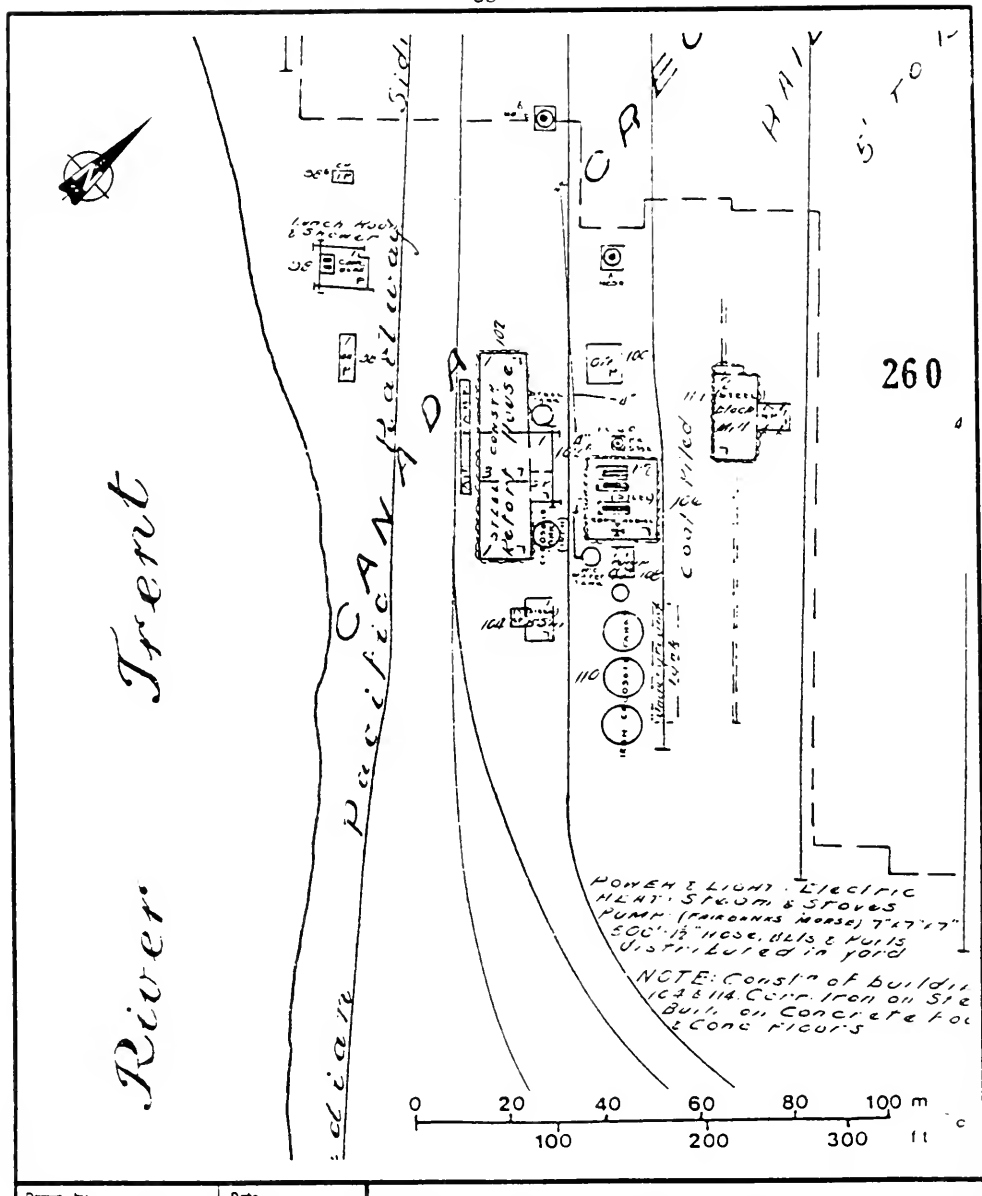
6. Comments/Remarks: Oily creosote contamination has been observed within over-burden and deeper in the fractured bedrock; booms are in place at selected locations in the Trent River to contain contaminants; site under investigation by MOE and property owner; active creosoting plant



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City of Trenton, showing location of
Canada Creosoting Co./Domtar Chemicals
site.

INTERA Technologies



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1949 Plan of Canada Creosoting Co. site,
(Source: Fire insurance plan, Public Archives
Canada, NMC-9740, sheet 12)

ROOFING FELT AND TARRED PAPER PRODUCTS MANUFACTURERS

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Brantford Street Address 22 Sydenham St.
 MOE Region West Central
 MOE District Hamilton NTS Map Sheet 40 P/1
 Historical Maps and Photos Available 1912 Revision of 1903 fire insurance plan
(Regional Collection, University of Western Ontario, sheet 45/154); 1950 fire
insurance plan (Public Archives Canada NMC 9331, sheet 27); 1964 air photo (NAPL
A18348-208)

2. Site Identification:

Name Brantford Roofing Co. Ltd.
 Type of Facility Roofing felt and tarred paper products manufacturer
 Operator(s) and Period(s) of Operation Brantford Roofing Co. (1906 - 1954)
possibly Murray Brantford Ltd./Domtar Construction Materials (1954 - present)

3. Site Characteristics:

Size (when operated) 1 - 2 hectare (expansion from 1912 to 1950)
 Present Land Use Industrial - Domtar Roofing Products plant
 Planned Land Use As is
 Present Occupant(s) Domtar Roofing Products Plant
 Present Land Use Adjoining Properties North - CN rail line; east - residential,
commercial; south - residential; west - residential
 Underground Utilities Storm and sanitary sewers along Pearl St.; water along
Pearl, Sydenham and Niagara

Soil Conditions Unknown

Site Access Controlled

4. Evidence of Buried Wastes:

Operating Period 1906 - mid 1950s (about 50 years)

Excavation History Within last 10 years - excavation in area of new limestone tank, old concrete tank removed, no tar reported in soil; also excavation to install storm water drain, no tar reported

Visible Wastes None observed or reported

Odour Asphaltic odour associated with active roofing plant operation

Water Pollution None observed or reported

5. Resource Characteristics:

Surface Water Grand River

Proximity Approximately 1 km south of site

Use Recreational, industrial

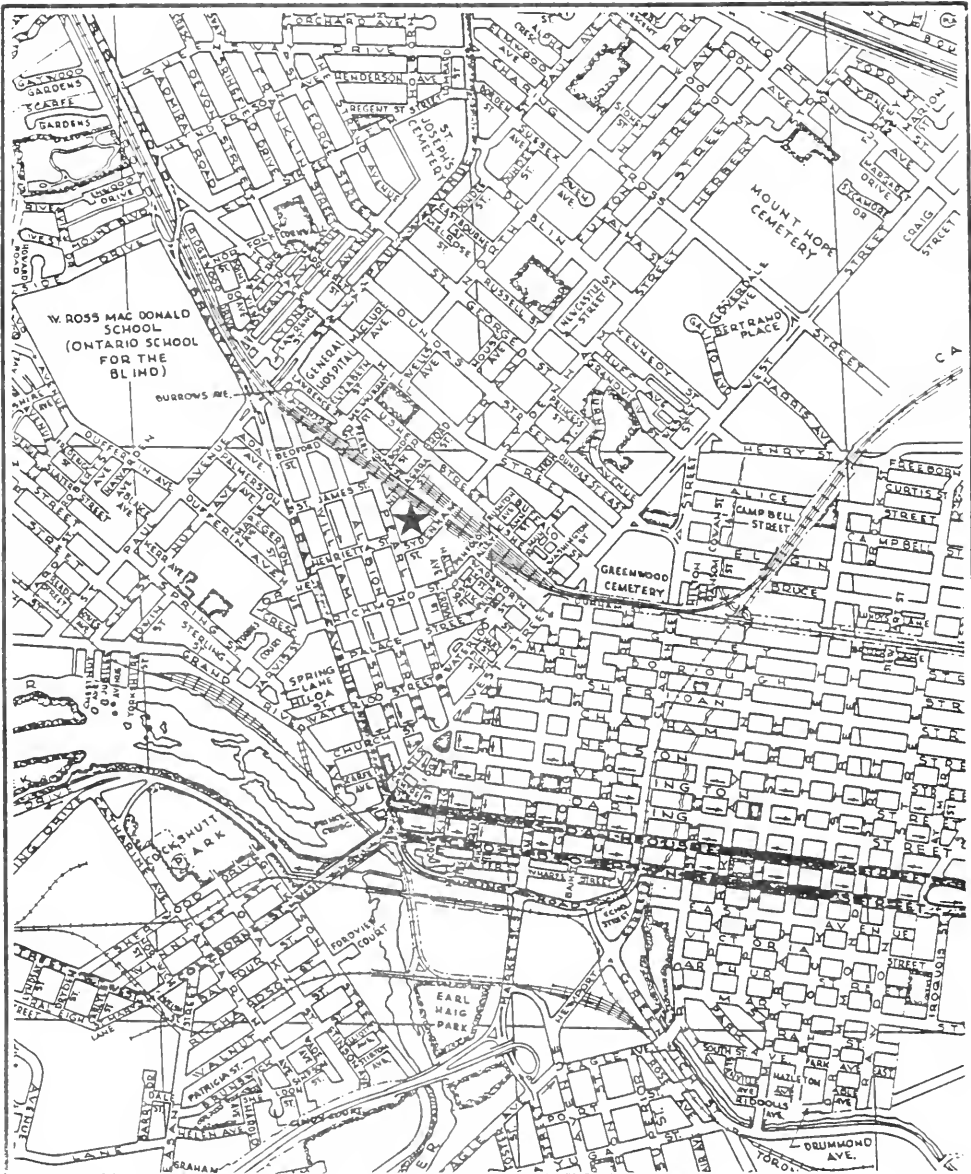
Groundwater, Proximity Unknown

Use None

Proximity of Existing Wells None known

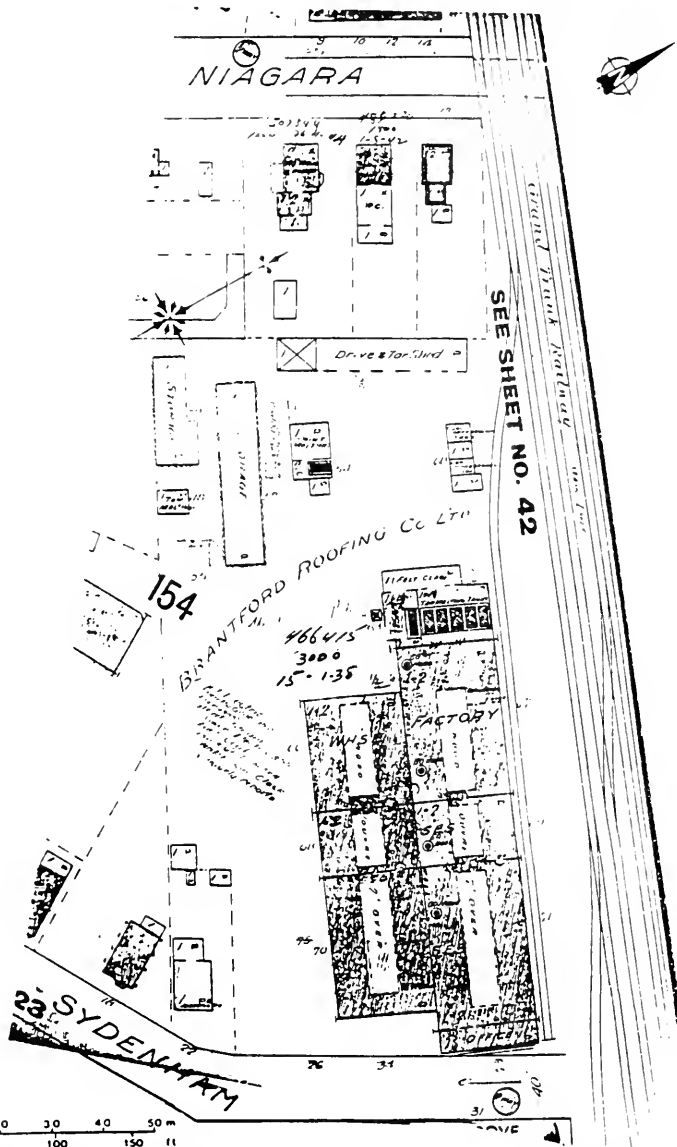
Site Investigations None known

6. Comments/Remarks: 1912 fire insurance plan shows several underground storage tanks and tar melting tanks; later operations of Murray Brantford/Domtar likely did not handle/use coal tar



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City of Brantford, showing location of
Brantford Roofing Co. site.



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1912 Plan of Brantford Roofing Co. site,
 (Source: 1912 revision of 1903 fire insurance
 plan, Regional Collection, University of
 Western Ontario, sheet 45)

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Hamilton Street Address 70 Beach Rd.
 MOE Region West central
 MOE District Hamilton NTS Map Sheet 30 M/5
 Historical Maps and Photos Available 1941 fire insurance plan (cut in pieces)
(Public Archives Canada NMC 10590, sheet 3); 1965 air photo (NAPL A18751-14)

2. Site Identification:

Name Building Products Ltd.
 Type of Facility Roofing felt and tarred paper products manufacturer
 Operator(s) and Period(s) of Operation F.W. Bird and Son/Building Products
Ltd. (1910 - 1970)

3. Site Characteristics:

Size (when operated) 1 - 2 hectare
 Present Land Use Industrial storage area

 Planned Land Use Same as present
 Present Occupant(s) Stelco Frost Works - storage and warehousing of vinyl
chain link fence, welded fabrics
 Present Land Use Adjoining Properties South - heavy industrial (Domglass);
east - industrial; north - residential/commercial; west - industrial
 Underground Utilities Storm and sanitary sewers, gas and watermain along
Beach Rd., storm and sanitary sewer hook-ups to building no. 21

Soil Conditions Sandy soil overlying clay

Site Access Controlled, fenced

4. Evidence of Buried Wastes:

Operating Period 1910 - 1954 period of likely coal tar use - 44 years

Excavation History Excavation on-site in 1969 for installation of new storm
sewers

Visible Wastes None reported or observed

Odour None reported or observed

Water Pollution None reported or observed

5. Resource Characteristics:

Surface Water Hamilton Harbour (Lake Ontario)

Proximity Approx. 1 km

Use Industrial

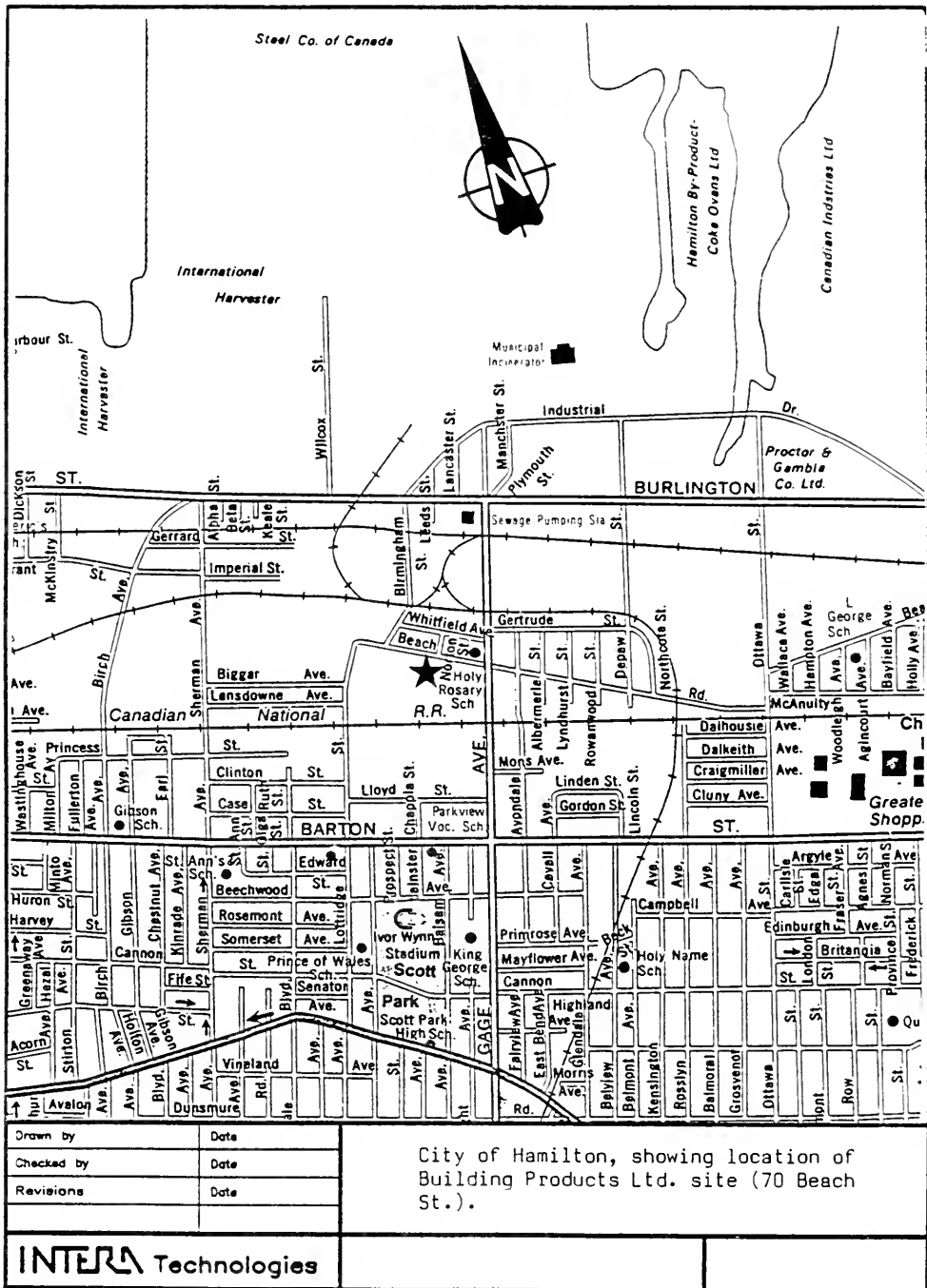
Groundwater, Proximity Unknown

Use None reported

Proximity of Existing Wells None reported

Site Investigations Unknown

6. Comments/Remarks: Early roofing felt manufacturer, coal tar likely in use in
earlier (1910 - 1950) operations



Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Cornwall Street Address Seventh Avenue, east part of
block bounded by Seventh, Cumber-
land, CNR and Hwy. 2

MOE Region Southeastern

MOE District Cornwall NTS Map Sheet _____

Historical Maps and Photos Available 1947 fire insurance plan (Public Archives
Canada NMC 52963, sheet 22); 1958 air photo (NAPL A16242, 203, 204); 1963 air
photo (NAPL 18371, 6, 7)

2. Site Identification:

Name Domtar Construction Material Ltd.

Type of Facility Roofing felt and tarred paper products manufacturer
(manufacture of tar impregnated cardboard pipe)

Operator(s) and Period(s) of Operation Dominion Tar and Chemical Ltd./Domtar
(approx. 1947 - 1969)

3. Site Characteristics:

Size (when operated) 3.2 hectare

Present Land Use Industrial

Planned Land Use Part of property presently for sale and north end of
property proposed for street extension

Present Occupant(s) Cowall Manufacturing Ltd., Amazing Waste Disposal Ltd.,
Holiday Inn, vacant building

Present Land Use Adjoining Properties North - residential; east - residential;
south - commercial; west - commercial

Underground Utilities Utility lines along Seventh and Cumberland

Soil Conditions Fill, sand, silt, clay and till from surface to bedrock

Site Access Fenced but unlimited access

4. Evidence of Buried Wastes:

Operating Period 1947 - 1969 (approximatley 22 years)

Excavation History Second building on-site by 1972

Visible Wastes Tar piles and waste pipe exposed at surface

Odour Detectable odour of tar in area of tar piles

Water Pollution Trace levels of PAH found in surface waters and surface water sediments

5. Resource Characteristics:

Surface Water St. Lawrence River

Proximity 1.5 km

Use Recreational, industrial

Groundwater, Proximity Unconfined aquifer (0 - 2 m depth); major aquifer in bedrock at 20 - 100 m below surface

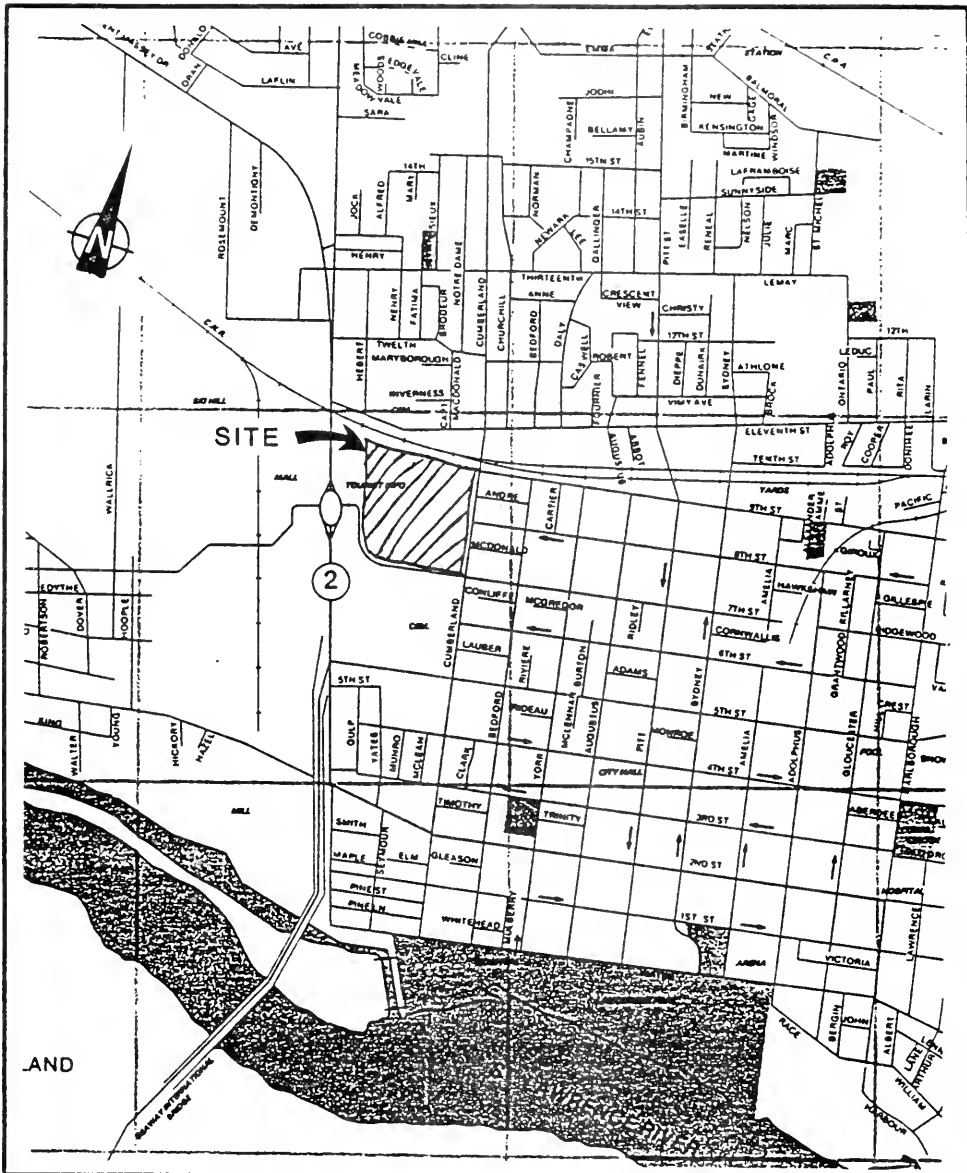
Use Industrial

Proximity of Existing Wells Original Domtar well on-site - ongoing industrial use

Site Investigations Preliminary site investigation by INTERA in progress;

Sampling of waste piles conducted by MOE in 1986

6. Comments/Remarks: Waste material in disposal areas in two locations; Sampling of waste material by MOE indicted presence of coal tar constituents; Domtar operation consisted of making tar impregnated cardboard pipe; On-site disposal evident



Drawn by	Date
Checked by	Date
Revision	Date

City of Cornwall, showing location of
Domtar Construction Materials Ltd.
site.

INTERA Technologies

1947 Plan of Domtar Construction Materials Ltd.
site, (Source: Fire insurance plan, Public
Archives Canada, NMC-52963, sheet 22)

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City London Street Address 1350 Trafalgar Rd. bounded by
 MOE Region Southwestern Trafalgar, Highbury & CN railways
 MOE District London NTS Map Sheet 40 I/14
 Historical Maps and Photos Available 1940 fire insurance plan (Regional Collection,
University of Western Ontario, sheet 60); 1972 air photo (National Air Photo
Library, A23668-45)

2. Site Identification:

Name London Roofings Ltd.
 Type of Facility Roofing felt and tarred paper products manufacturing
 Operator(s) and Period(s) of Operation Canadian Roofing Ltd. (1939 - 1940);
London Roofings Ltd. (1940 - 1943); Viceroy Manufacturing Co. (1943 - 1948);
Bishop Asphalt Papers (1948 - 1958); Northern Roofing Co. (1958 - 1970s).

3. Site Characteristics:

Size (when operated) Small, less than 0.5 hectare
 Present Land Use Commerical (roofing firm, garage, warehouse, etc.)
 Planned Land Use Same
 Present Occupant(s) Deane Roofing Co., Mays Storage and Warehouse
 Present Land Use Adjoining Properties North - CR Railway and Parkland; east -
commercial (Cinran Plastics); south - commercial, residential; west - commercial
 Underground Utilities Storm sewer on Highbury, sanitary sewer on Trafalgar Rd.

Soil Conditions Unknown

Site Access Uncontrolled

4. Evidence of Buried Wastes:

Operating Period 1939 to approximately 1957, end of coal tar use (18 years)

Excavation History Unknown

Visible Wastes None reported or observed

Odour None detected

Water Pollution None reported or observed

5. Resource Characteristics:

Surface Water Thames River

Proximity 1.2 km

Use Recreational

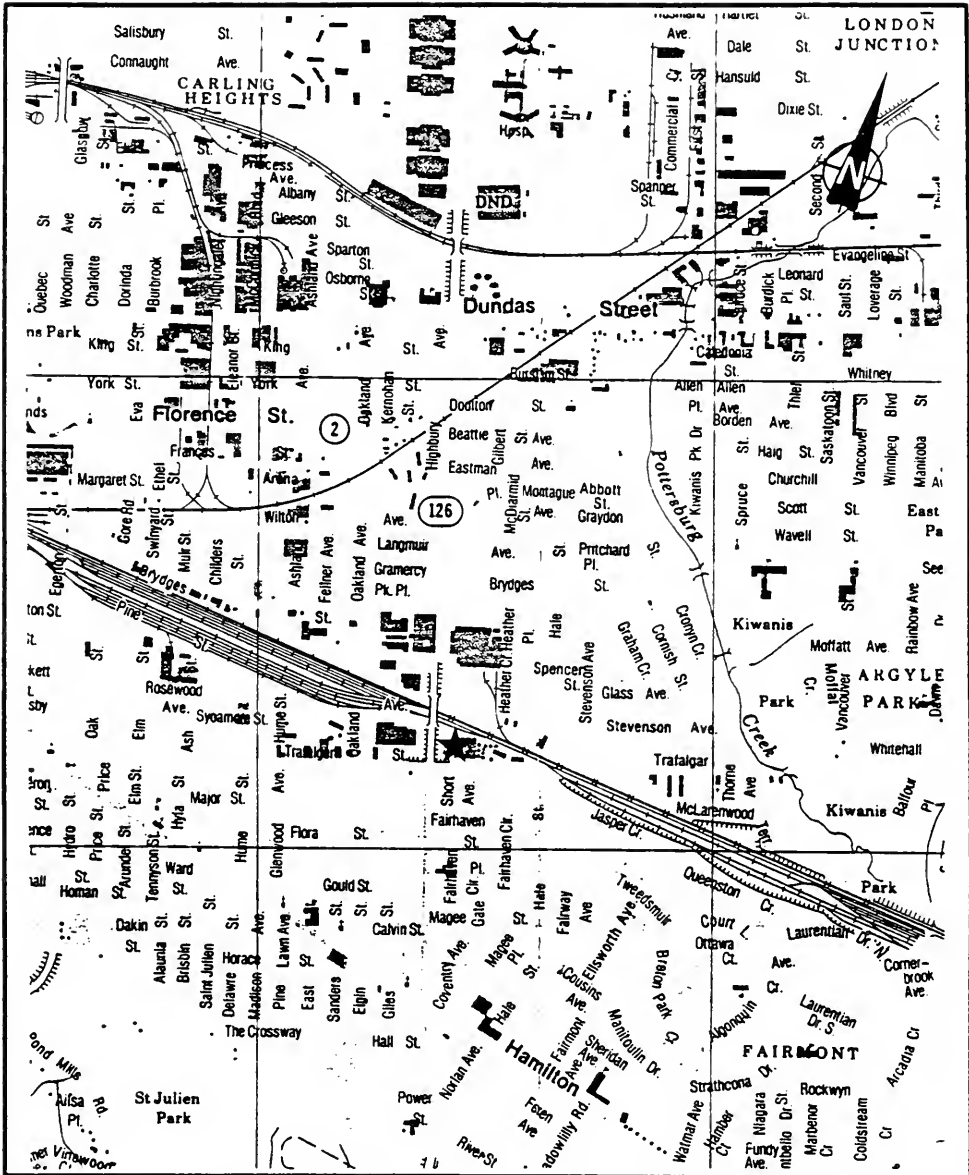
Groundwater, Proximity Unknown

Use Not used

Proximity of Existing Wells Unknown

Site Investigations Not reported

6. Comments/Remarks: Small site. Likely used coal tar only until mid to late
1950s, roofing contractor now occupies part of original building; Northern
Roofing Co. (roofing contractor) occupied original building from 1959 - 1970s,
area of former furnaces and storage tanks now parking lot; Small disposal area
operated on-site adjacent to CNR tracks from about 1942 to the 1960s.



Drawn by	Date
Checked by	Date
Revisions	Date

City of London, showing location of
Canadian Roofings Ltd. site.

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Toronto Street Address 297-307 Front St. E.
 MOE Region Central
 MOE District Toronto NTS Map Sheet 30 M/11
 Historical Maps and Photos Available 1889 plan of works, Station "A" (Consumers Gas Co., Toronto); no relevant historical air photos available

2. Site Identification:

Name Patersons Felt Works /Paterson Manufacturing Co.
 Type of Facility Roofing felt and tarred paper products manufacturing
 Operator(s) and Period(s) of Operation Patersons Manufacturing Co. Ltd.
(1884 - 1898)

3. Site Characteristics:

Size (when operated) 0.1 hectare
 Present Land Use Public/institutional (Toronto Public Library)
 Planned Land Use Same as present
 Present Occupant(s) Toronto Public Library - Administration/Service Centre
constructed 1986/87
 Present Land Use Adjoining Properties North - commercial (vacant building);
east - commercial (car dealer); south - commercial (parking lot); west -
commercial (gas station)
 Underground Utilities Storm and sanitary sewers, gas and watermain on Front St. E.
and Parliament St.

Soil Conditions Fill overlying thick sequence of clay and sand

Site Access Uncontrolled

4. Evidence of Buried Wastes:

Operating Period 1884 - 1898 (14 years)

Excavation History Excavation for Metro Toronto Library (1986) encountered tars, pipelines, tanks, etc.

Visible Wastes Coal tar contamination discovered during excavation and subsequent investigations for Toronto Library site

Odour None now observed or reported

Water Pollution None now observed or reported

5. Resource Characteristics:

Surface Water Lake Ontario

Proximity 700 m south

Use Recreational/industrial

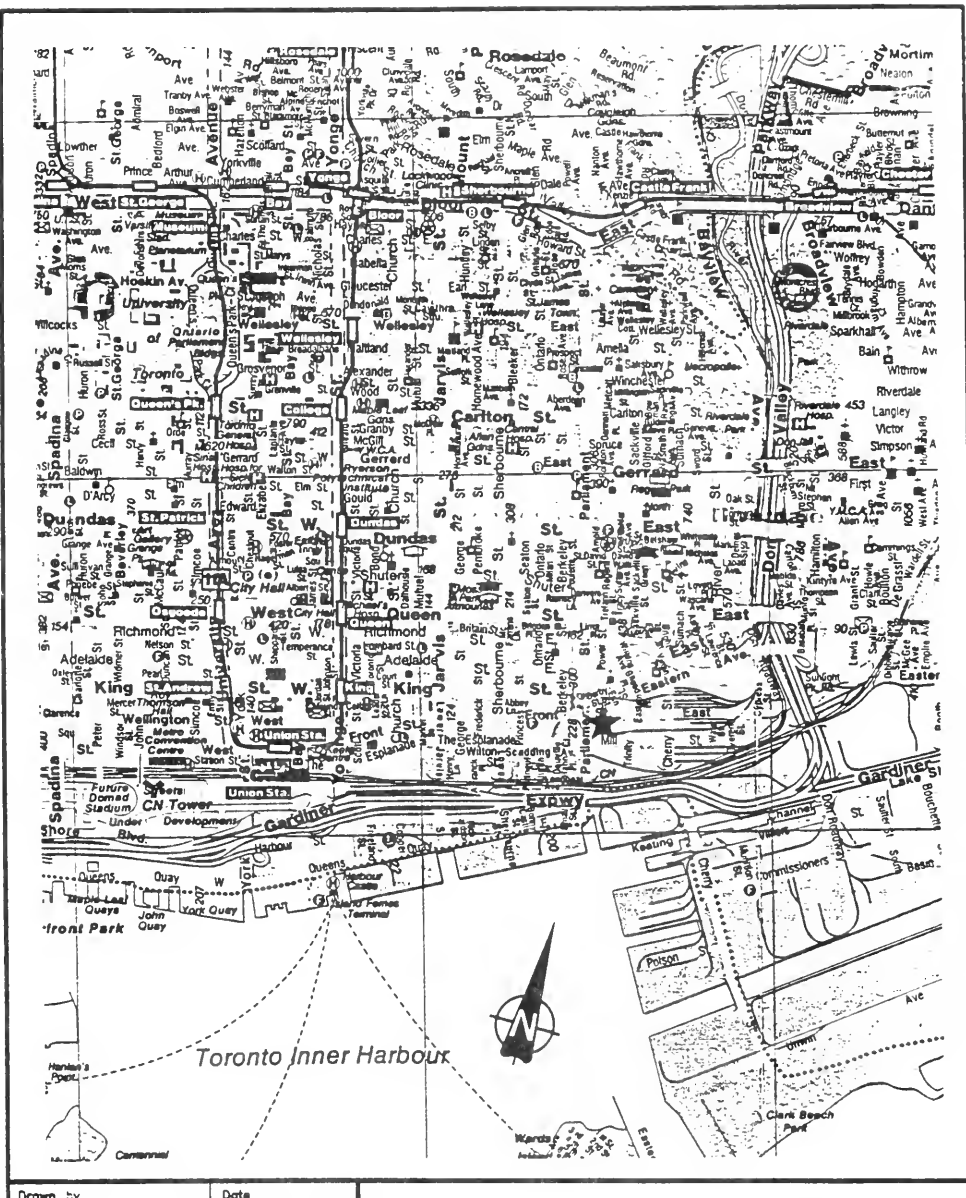
Groundwater, Proximity Less than 2.5 m below ground surface

Use None

Proximity of Existing Wells None reported in area

Site Investigations Boreholes for Toronto Harbour Commission; Toronto Library site investigations (Trow, 1986, 1987).

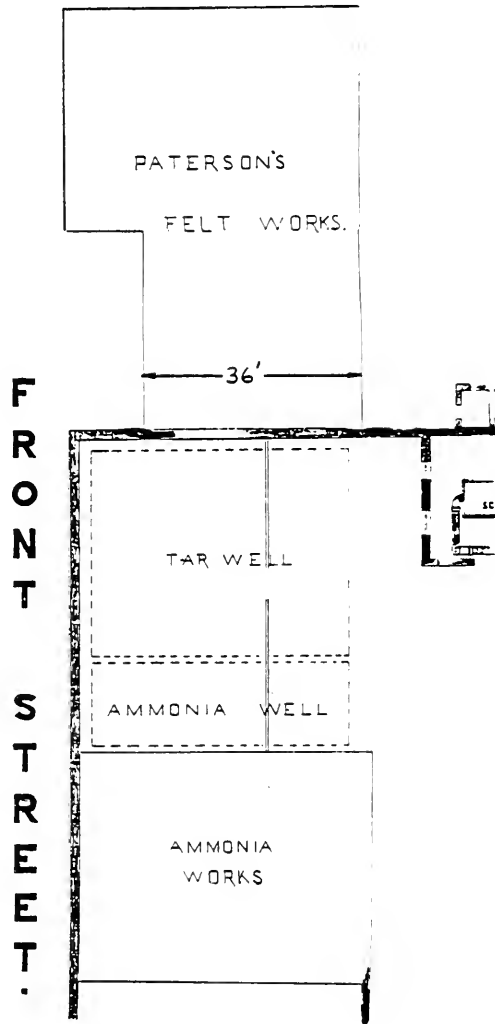
6. Comments/Remarks: This plant operated adjacent to the Consumers Gas Co. Station "A" manufactured gas plant, expansion of the Station "A" plant about 1900 occupied the site with gas holders and Patersons moved to the Berkeley St. site; This site became part of the Station "A" site which was described in the INTERA (1987) report.



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City of Toronto, showing location of
Paterson Manufacturing Co. site.

INTERA Technologies



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1889 Plan of Paterson Manufacturing Co. site,
(Source: Plan of Works, Station "A",
Consumers Gas Co., Toronto)

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Toronto Street Address 15 Oxford Drive
 MOE Region Central
 MOE District Toronto NTS Map Sheet 30 M/11
 Historical Maps and Photos Available 1923 fire insurance plan (Metropolitan Toronto Library - NMC 32968, sheet 61); 1930 fire insurance plan (Metropolitan Toronto Library - NMC 13995, sheet 61); 1940 fire insurance plan (Public Archives Canada NMC 9945, sheet 1367); 1950 air photo (NAPL A12499-51)

2. Site Identification:

Name Toronto Asphalt Roofing Manufacturing Co.
 Type of Facility Roofing felt and tarred paper products manufacturing
 Operator(s) and Period(s) of Operation Toronto Asphalt Roofing Mfg. Co. (1922 - 1948), Canadian Gypsum Co. Ltd. (1948 - 1978)

3. Site Characteristics:

Size (when operated) 0.6 hectare
 Present Land Use Residential - high rise apartment
 Planned Land Use Same as present
 Present Occupant(s) Sanchester Place (high rise apartment building)
 Present Land Use Adjoining Properties North - CN rail line; east - residential and playground; south - residential; west - residential
 Underground Utilities Storm and sanitary sewers on Oxford Drive

Soil Conditions Unknown

Site Access Uncontrolled

4. Evidence of Buried Wastes:

Operating Period 1922 - 1950 (28 years) (approx. period when coal tar likely in use) operated later to 1978 with petroleum-based asphalt

Excavation History Excavation in 1981/82 for construction of high-rise building, no wastes reported

Visible Wastes None observed or reported

Odour None observed or reported, no odour of tar in building storm sumps

Water Pollution None observed or reported, building storm sumps inspected, no tar evident

5. Resource Characteristics:

Surface Water Black Creek

Proximity 400 m to east

Use Recreational

Groundwater, Proximity Unknown

Use None

Proximity of Existing Wells None reported in area

Site Investigations Site investigations for construction of Sanchester Place apartment building (1981/82)

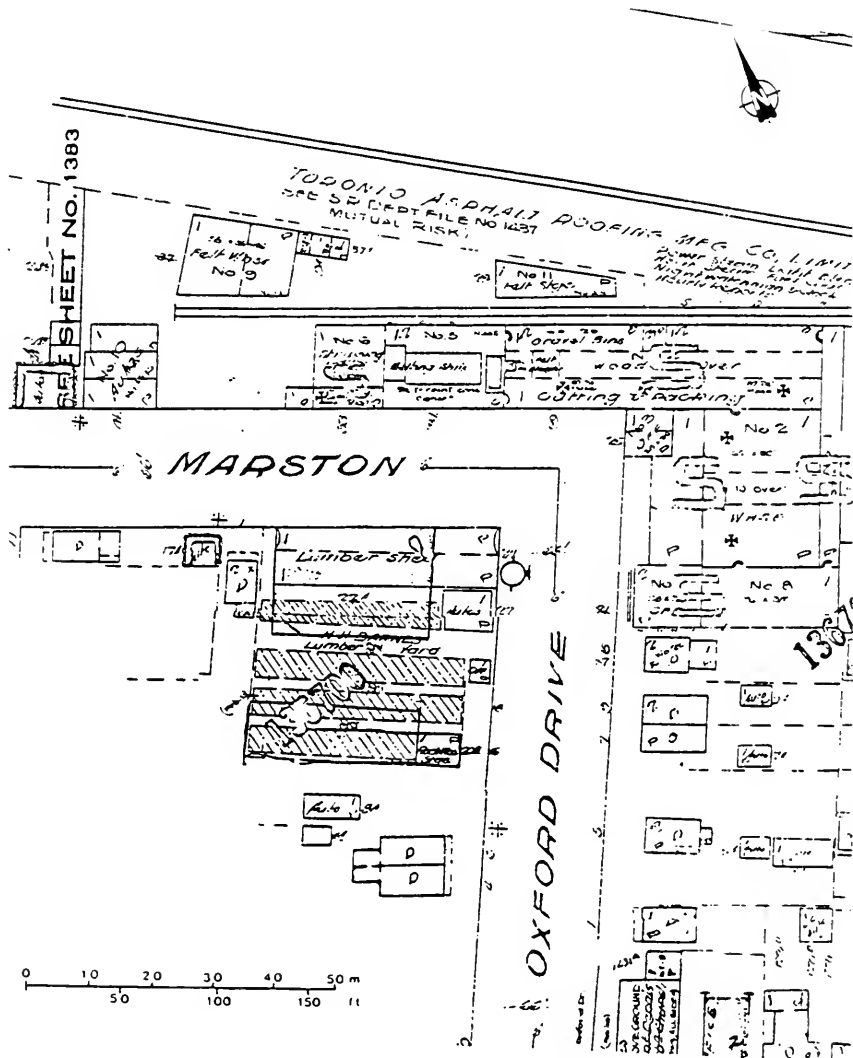
6. Comments/Remarks: Fire insurance plans show melting stills and felt storage areas; coal tar likely not in use after about 1950, although some coal tar reportedly stored on-site in early 1960s.



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City of Toronto, showing location of
Toronto Asphalt Roofing Manufacturing
Co. site.

INTERA Technologies



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1940 Plan of Toronto Asphalt Roofing site,
(Source: Fire insurance plan, Public Archives
Canada, NMC-9945, sheet 1367)

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Windsor Street Address 124 Walker Rd. (now 866 Walker)
southeast corner of Walker and
 MOE Region Southwestern Edna Sts.
 MOE District Windsor NTS Map Sheet 40 J/6
 Historical Maps and Photos Available 1917 fire insurance plan (Regional
Collection, University of Western Ontario, sheet 14); 1950 air photo (NAPL
A12504-103)

2. Site Identification:

Name Acme Roofing Co.
 Type of Facility Roofing felt and tarred paper products manufacturer
 Operator(s) and Period(s) of Operation Acme Roofing Co. (1917 - 1923); listed
as owned by T. Eaton Co. Ltd. in 1921

3. Site Characteristics:

Size (when operated) 0.5 hectare
 Present Land Use Commercial
 Planned Land Use Same as present
 Present Occupant(s) Border Press Inc., A&G Glass Co. Ltd., Irican Electric,
Industrial Electric, Ecolad Corp., RT Duplicating
 Present Land Use Adjoining Properties North - vacant, commercial; east -
commercial; west - commercial; south - commercial
 Underground Utilities Sewers and watermain along Walker Rd. & Edna St.

Soil Conditions Unknown
Site Access Uncontrolled

4. Evidence of Buried Wastes:

Operating Period 1917 - 1923 (6 years)
Excavation History None reported (no basements in buildings)

Visible Wastes None reported or observed

Odour None reported or observed

Water Pollution None reported or observed

5. Resource Characteristics:

Surface Water Detroit River

Proximity 800 m

Use Recreational/industrial

Groundwater, Proximity Unknown

Use Not used

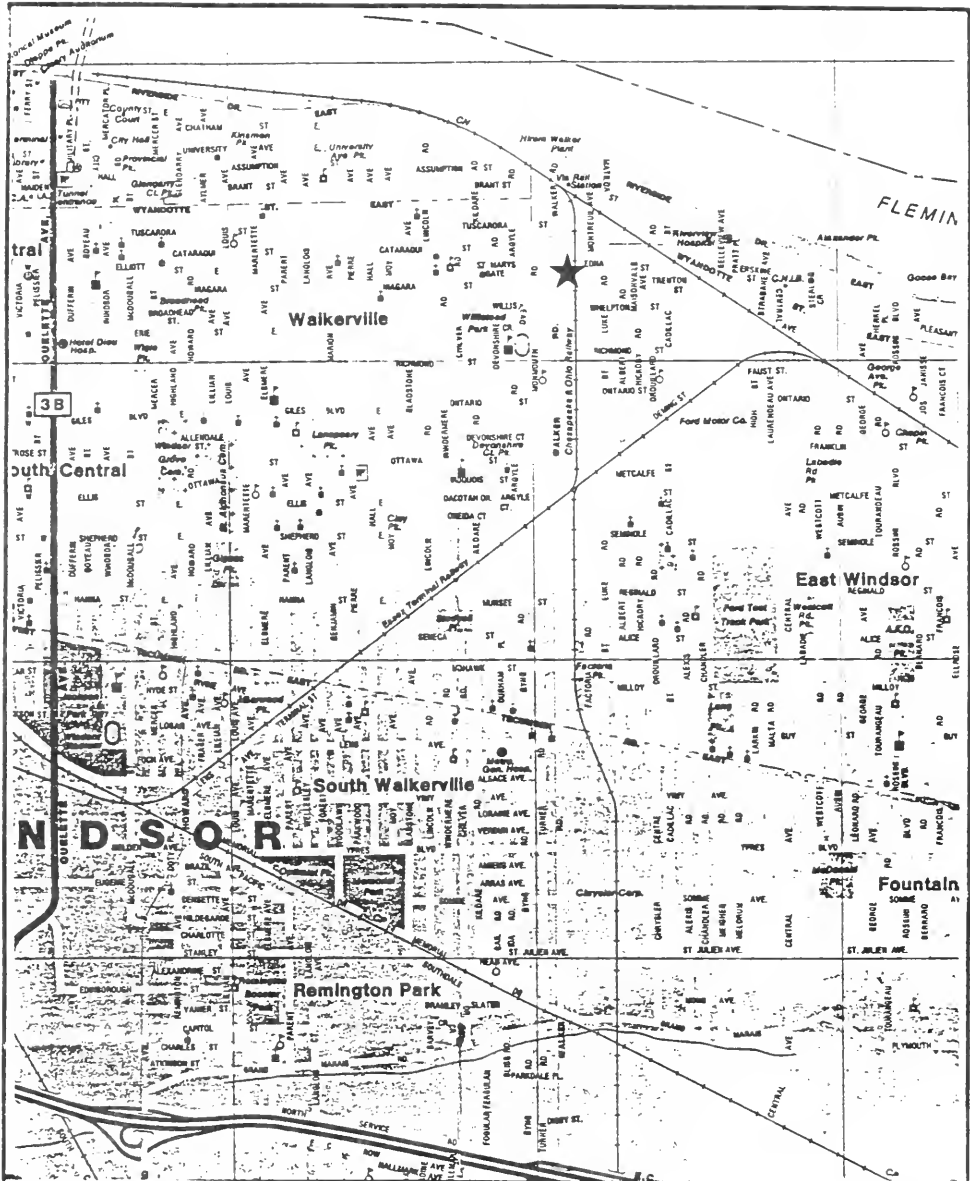
Proximity of Existing Wells Unknown

Site Investigations None reported

6. Comments/Remarks: Original building on-site, extension to original building

at east end, area of still house (now Border Press electrical room) inspected,

no odours, no visible wastes



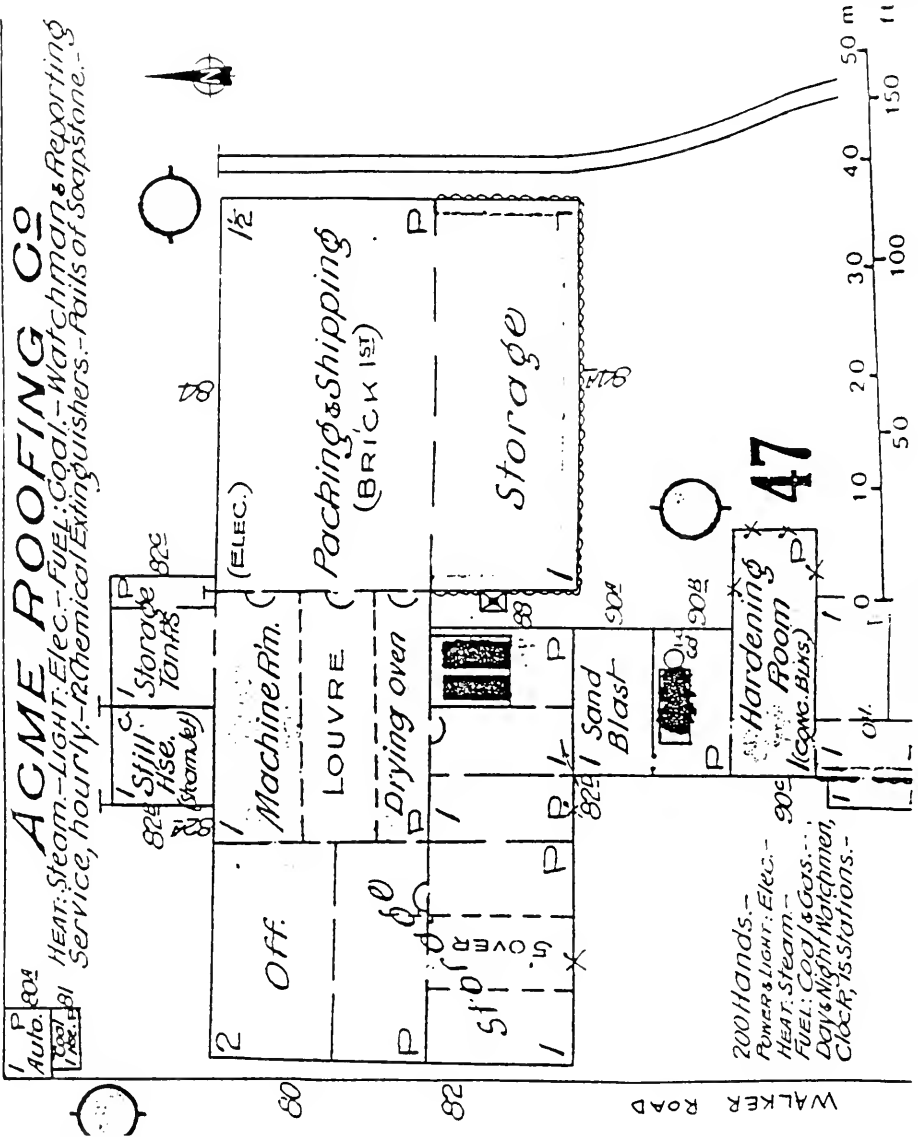
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City of Windsor, showing location of
Acme Roofing Co. site.

INTERA Technologies

ACME ROOFING CO.

HEAT: Steam.—LIGHT: Elec.—FUEL: Coal.—WATCHMAN: Reporting Service, hourly.—R: Chemical Extinguishers.—RAILS of Soapstone.—



Drawn by	Date
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1917 Plan of Acme Roofing Co., (Source:
Fire insurance plan, Regional Collection,
University of Western Ontario, sheet 14)

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Windsor Street Address Southwest corner of McDougall
 MOE Region Southwestern and Shephard Sts.
 MOE District Windsor NTS Map Sheet 40 J/6
 Historical Maps and Photos Available 1917 revision of 1913 fire insurance plan
(Regional Collection, University of Western Ontario, sheet 33); 1950 air photo
(NAPL A12583-26)

2. Site Identification:

Name Canadian Roofing Manufacturing Co. Ltd.
 Type of Facility Roofing felt and tarred paper products manufacturing
 Operator(s) and Period(s) of Operation Canadian Roofing Manufacturing Co. Ltd.
(1914 - 1924)

3. Site Characteristics:

Size (when operated) 0.9 hectare
 Present Land Use Commercial (Windsor Cable Communications and Campbell -
Lincoln Mercury Body Shop)
 Planned Land Use Same as present
 Present Occupant(s) Windsor Cable Communications and Campbell Lincoln Mercury
Body Shop
 Present Land Use Adjoining Properties North - commercial/industrial; east -
industrial; south - industrial; west - industrial
 Underground Utilities Storm and sanitary sewers on streets

Soil Conditions Unknown

Site Access Part uncontrolled and part controlled

4. Evidence of Buried Wastes:

Operating Period 1914 - 1924 (10 years)

Excavation History Unknown; all buildings are constructed on grade without
basements

Visible Wastes None reported or observed

Odour None reported or observed

Water Pollution None reported or observed

5. Resource Characteristics:

Surface Water Detroit River

Proximity 2.5 km north

Use Recreational/industrial, water supply downstream

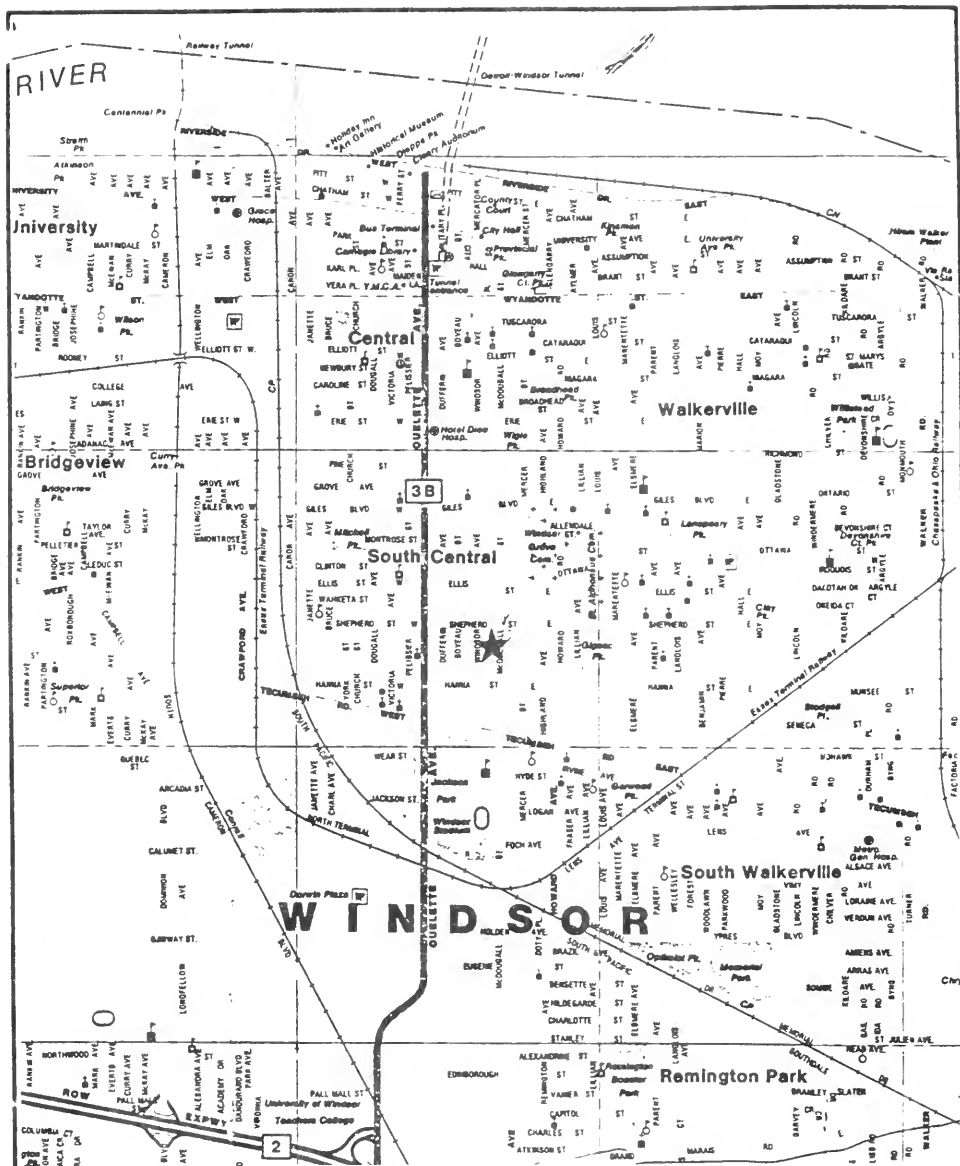
Groundwater, Proximity Unknown

Use Not used

Proximity of Existing Wells Unknown

Site Investigations None reported

6. Comments/Remarks: Storage tank area shown on 1917 fire insurance plan is now
concrete and asphalt covered



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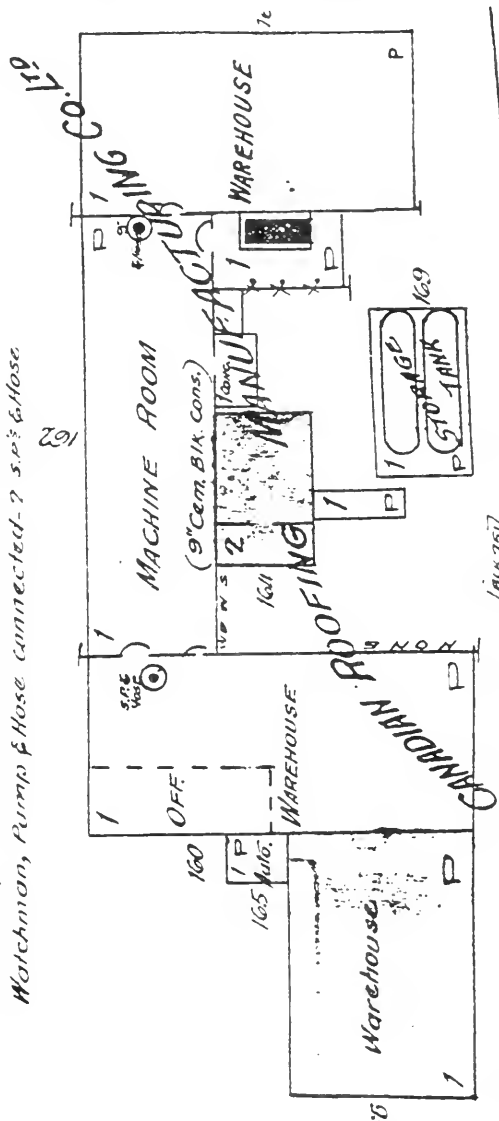
City of Windsor, showing location of
Canadian Roofing Manufacturing Co. Ltd
site.

INTERA Technologies



W. C. DOLING & SONS

FUEL: Gas, POWER: Steam-Heat: Steam-Light: Electric
Watchman, Pump & Hose connected - 2 s.p.'s & Hose



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1917 Plan of Canadian Roofing Manufacturing Co. Ltd., (Source: 1917 revision of 1913 fire insurance plan, Regional Collection, University of Western Ontario, sheet 33)

INTERA Technologies

BY-PRODUCT CHARCOAL AND COKE OVEN PLANTS
OF THE IRON AND STEEL INDUSTRY

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Hamilton Street Address Industrial Dr. and Ottawa St.
 MOE Region West Central Hamilton
 MOE District Hamilton NTS Map Sheet _____
 Historical Maps and Photos Available 1960 fire insurance plan (Public Archives
Canada, NMC sheet 303-36); 1987 oblique air photo (Dofasco)

2. Site Identification:

Name Dofasco Inc.
 Type of Facility Coke Oven By-Product Plant
 Operator(s) and Period(s) of Operation Dominion Foundries and Steel Ltd.
(1951 - present)

3. Site Characteristics:

Size (when operated) Coke oven and by-product plant approx. 6 hectare
 Present Land Use Industrial (Dofasco Steel Mill and Ovens)
 Planned Land Use Same
 Present Occupant(s) Dofasco
 Present Land Use Adjoining Properties North - Hamilton Harbour; east, south,
west - industrial
 Underground Utilities Likely numerous pipelines joining buildings

Soil Conditions Unknown

Site Access Limited controlled access

4. Evidence of Buried Wastes:

Operating Period 1951 - present (37 years)

Excavation History Not reported

Visible Wastes Active site

Odour Active site

Water Pollution Active site

5. Resource Characteristics:

Surface Water Hamilton Harbour

Proximity 500 m north

Use Industrial

Groundwater, Proximity Unknown

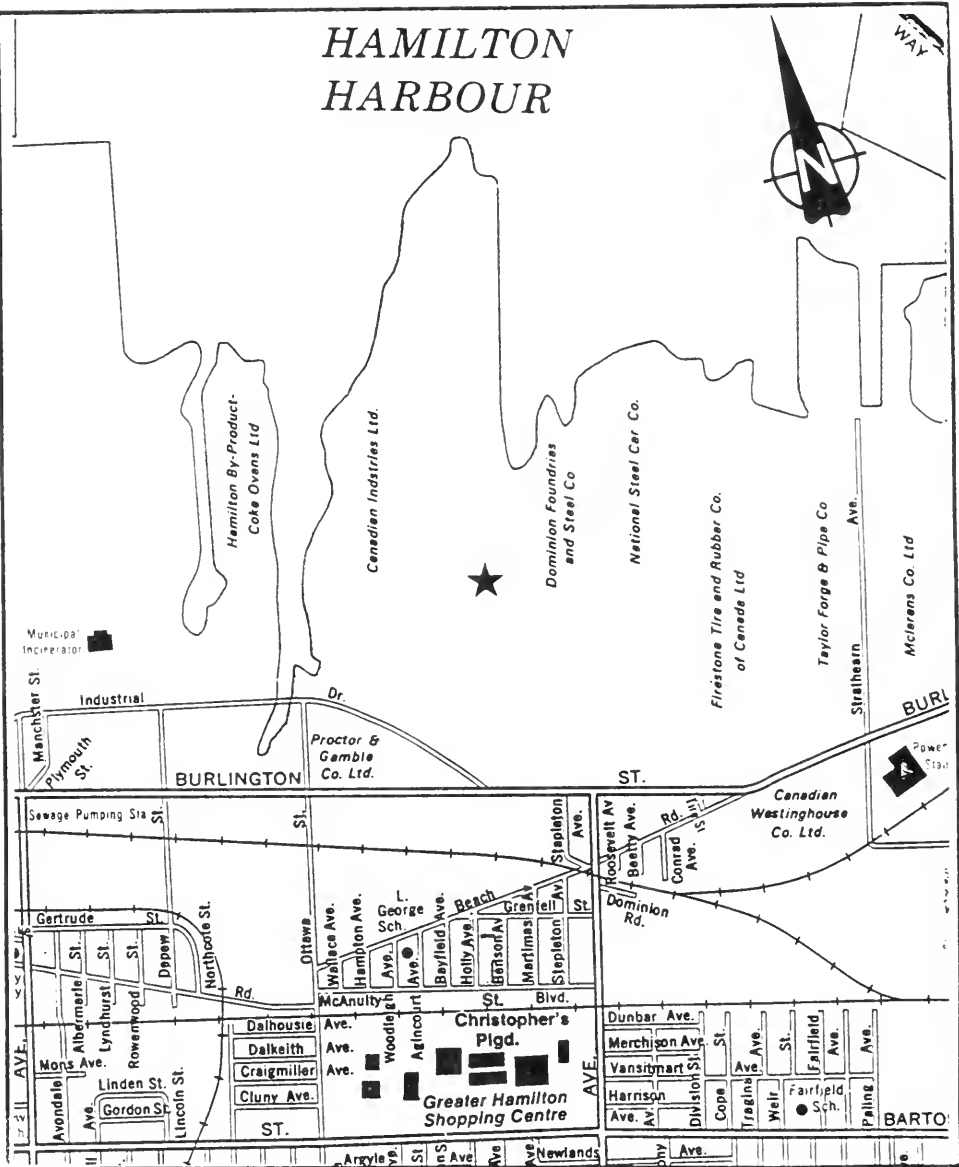
Use Likely not used

Proximity of Existing Wells None in impacted area

Site Investigations Dofasco has provided a good summary of tar handling practices

6. Comments/Remarks: Tar sent to Domtar (Toronto until 1960 and Hamilton from 1958
to present). Tar sludge mixed with coal and reused as fuel. This site is still
active.

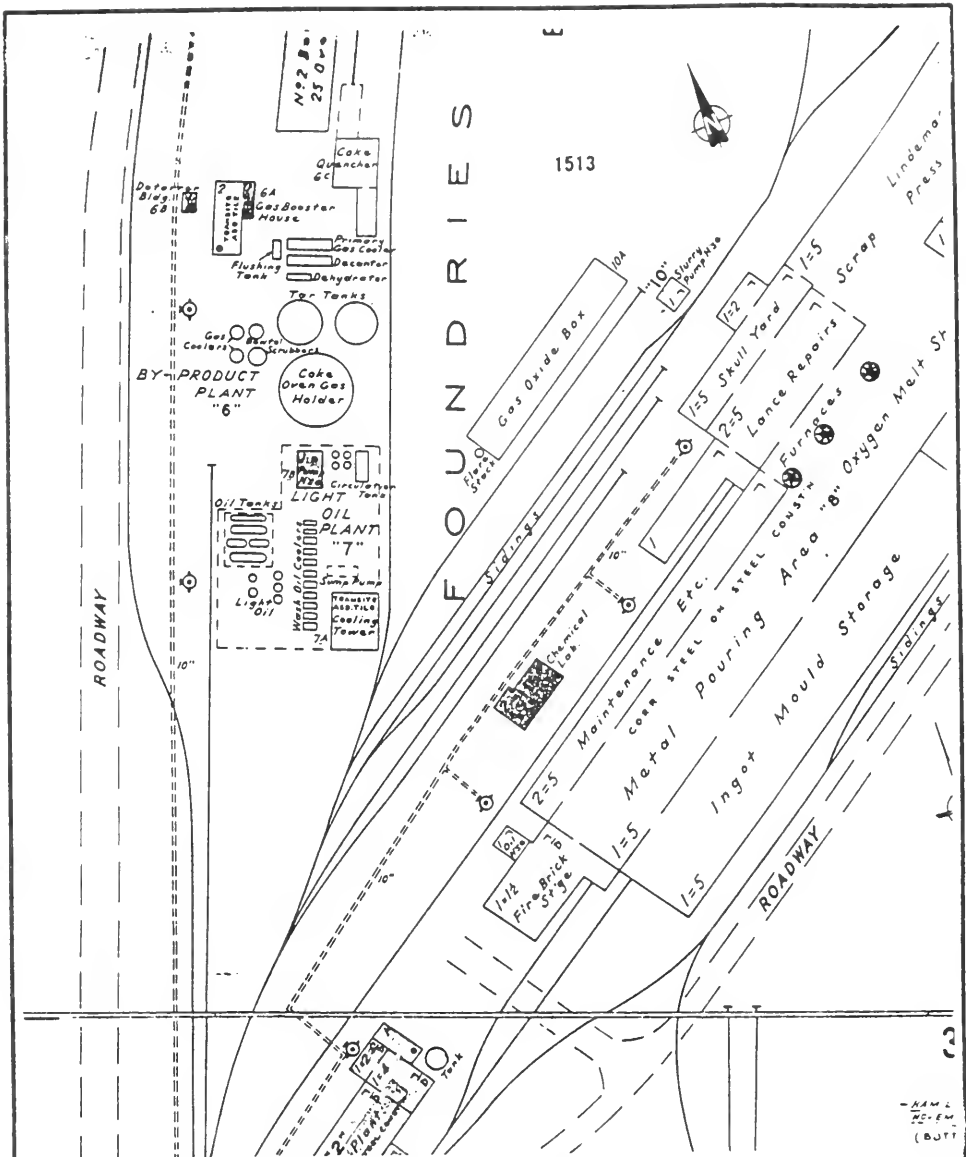
HAMILTON HARBOUR



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City of Hamilton, showing location of
Dofasco site.

INTERA Technologies



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1960 Plan of Dofasco site, (Source: Fire insurance plan, Public Archives Canada, NMC, sheet 303-6)

INTERA Technologies

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Hamilton Street Address North of Industrial Dr. between
 MOE Region West central Ottawa St. Slip and Wilcox St.
 MOE District Hamilton NTS Map Sheet 30 M/5
 Historical Maps and Photos Available 1941 fire insurance plan (Regional
Collection, University of Western Ontario, sheet 301); 1928 Steel Co. of Canada,
Hamilton Works (Stelco); 1946 Steel Co. of Canada General Arrangement of Plant
(Stelco); 1961 fire insurance plan (Public Archives Canada, NMC, sheet 208)

2. Site Identification:

Name Steel Company of Canada Ltd./Stelco Inc.
 Type of Facility Coke oven by-product plant
 Operator(s) and Period(s) of Operation Stelco Inc. (1918 - present)

3. Site Characteristics:

Size (when operated) 20 hectare (coke ovens and by-product plants only)
 Present Land Use Industrial

 Planned Land Use Same
 Present Occupant(s) Stelco Inc.

 Present Land Use Adjoining Properties North, west - Hamilton Harbour; east -
industrial; south - industrial
 Underground Utilities Likely numerous utilities between buildings

Soil Conditions Unknown
Site Access Limited and controlled access

4. Evidence of Buried Wastes:

Operating Period 1918 to present (70 years)
Excavation History None reported

Visible Wastes Active site

Odour Active site

Water Pollution Active site

5. Resource Characteristics:

Surface Water Hamilton Harbour

Proximity 200 m west and 640 m north

Use Industrial

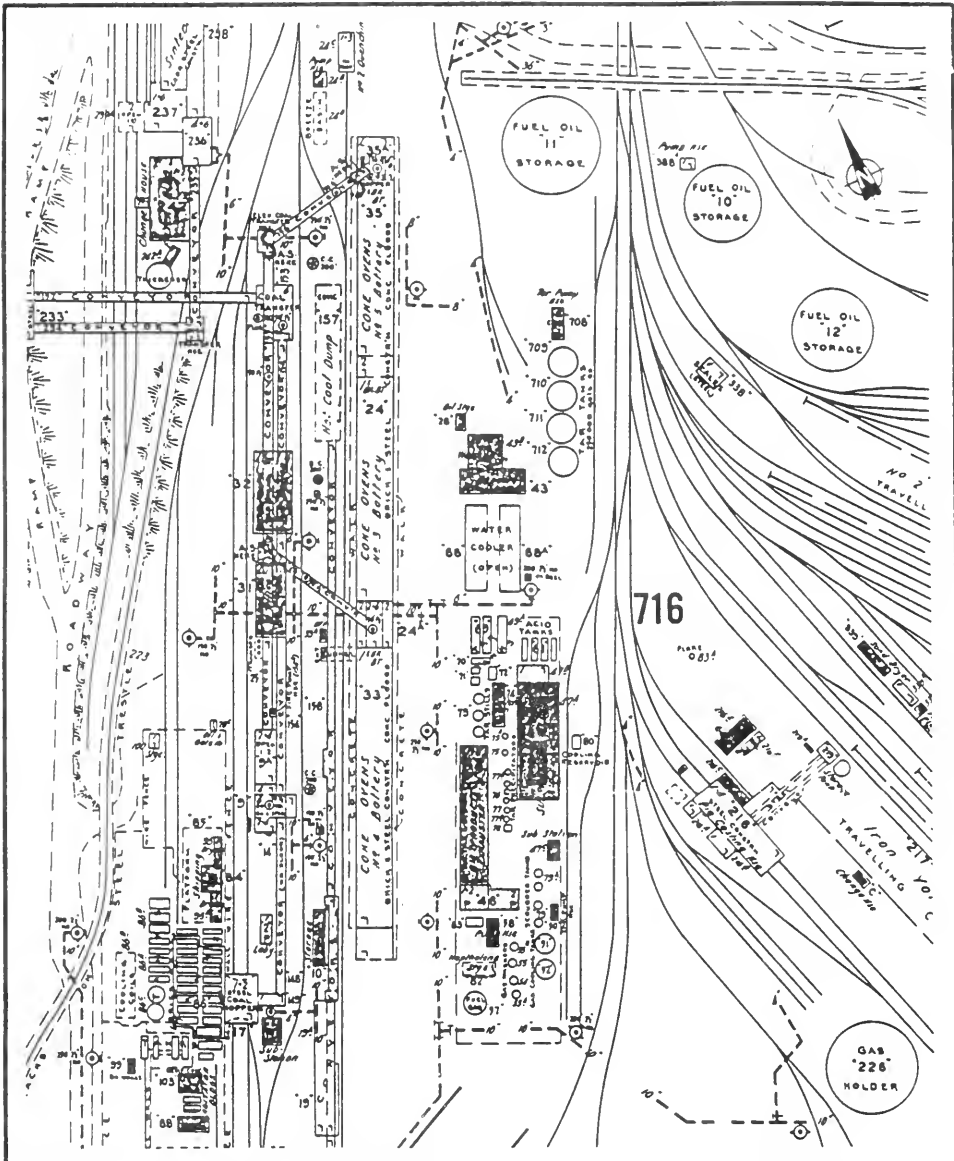
Groundwater, Proximity Unknown

Use Not used

Proximity of Existing Wells None in impacted area

Site Investigations None reported or observed

6. Comments/Remarks: Active site - two by-product plants. Tar sold for outside processing, some tar recycled to blast furnances. Tar sludge either sold or burned. Some sludge was historically disposed in on-site cells. Excess tar sludge and cleanout material disposed by Tricil Ltd.



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1961 Plan of Hamilton Stelco site, Coke ovens area, (Source: Fire Insurance Map, Public Archives Canada, NMC-440, sheet 208)

INTERA Technologies

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Nanticoke Street Address Regional Rd. No. 3 and Lake Erie
 MOE Region West Central
 MOE District Hamilton NTS Map Sheet 40 I/16
 Historical Maps and Photos Available 1985 Lake Erie Works Layout (Stelco Dwg.
No. 300099); 1985 General Layout - By-product and Coke Oven Plant (Stelco Dwg.
No. 315769); 1980 air photo (NAPL A25546-26)

2. Site Identification:

Name Stelco Lake Erie Works
 Type of Facility Coke oven by-product plant
 Operator(s) and Period(s) of Operation Stelco Co. of Canada Ltd. (1981 - present)

3. Site Characteristics:

Size (when operated) Coke oven and by-product area - 10 hectare
 Present Land Use Active steel works
 Planned Land Use Same as present
 Present Occupant(s) Steel Co. of Canada Ltd.
 Present Land Use Adjoining Properties North, east & west - rural residential;
south - Lake Erie
 Underground Utilities Unknown

Soil Conditions Unknown

Site Access Controlled access - fenced

4. Evidence of Buried Wastes:

Operating Period 1981 - present (7 years)

Excavation History Unknown

Visible Wastes Active steel works - by-product area; not visited

Odour Odour associated with on-going coking and steel works operations

Water Pollution None observed

5. Resource Characteristics:

Surface Water Drainage ditch at southwest corner of property and Lake Erie

Proximity Lake Erie adjacent

Use Recreational/industrial

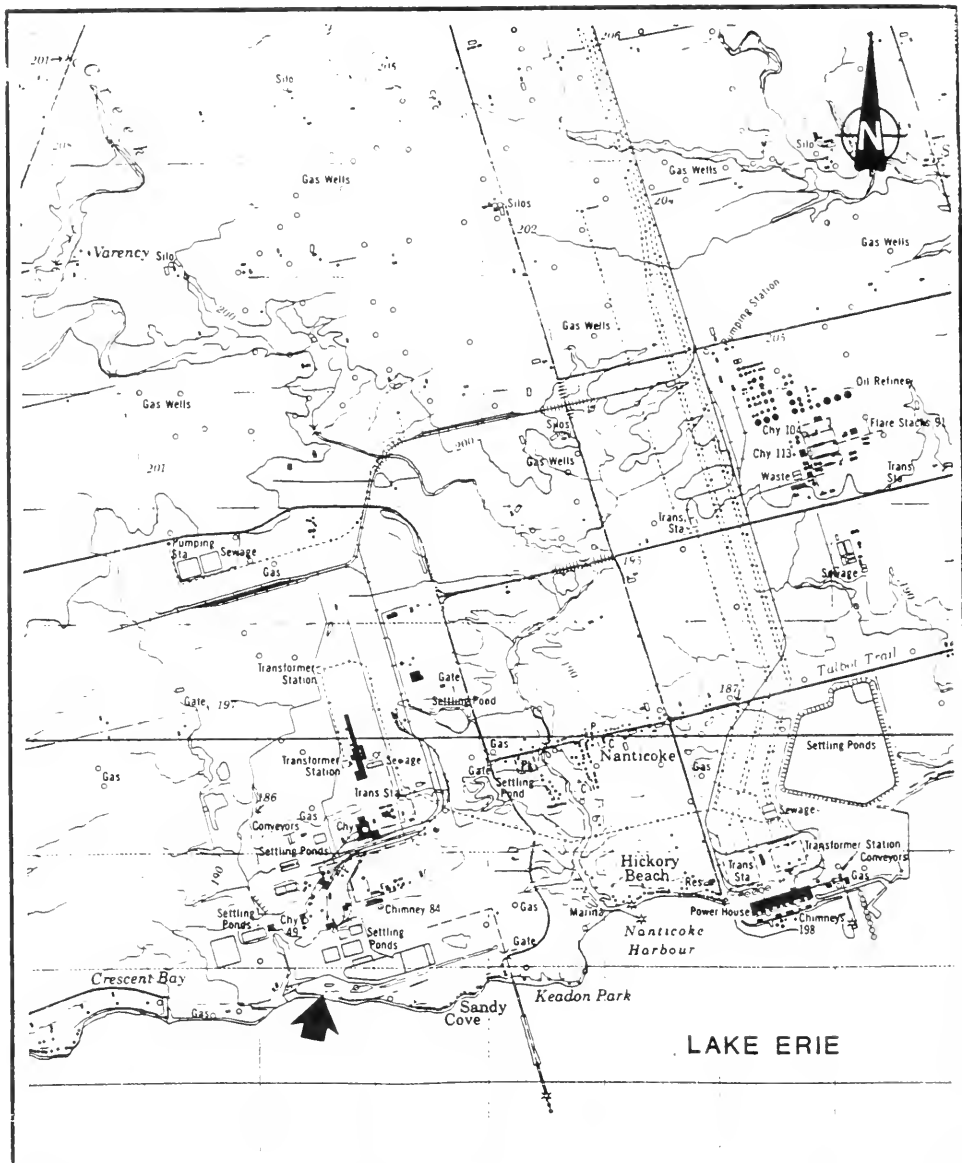
Groundwater, Proximity 2 - 3 m assumed

Use None in vicinity of plant

Proximity of Existing Wells Unknown

Site Investigations Unknown

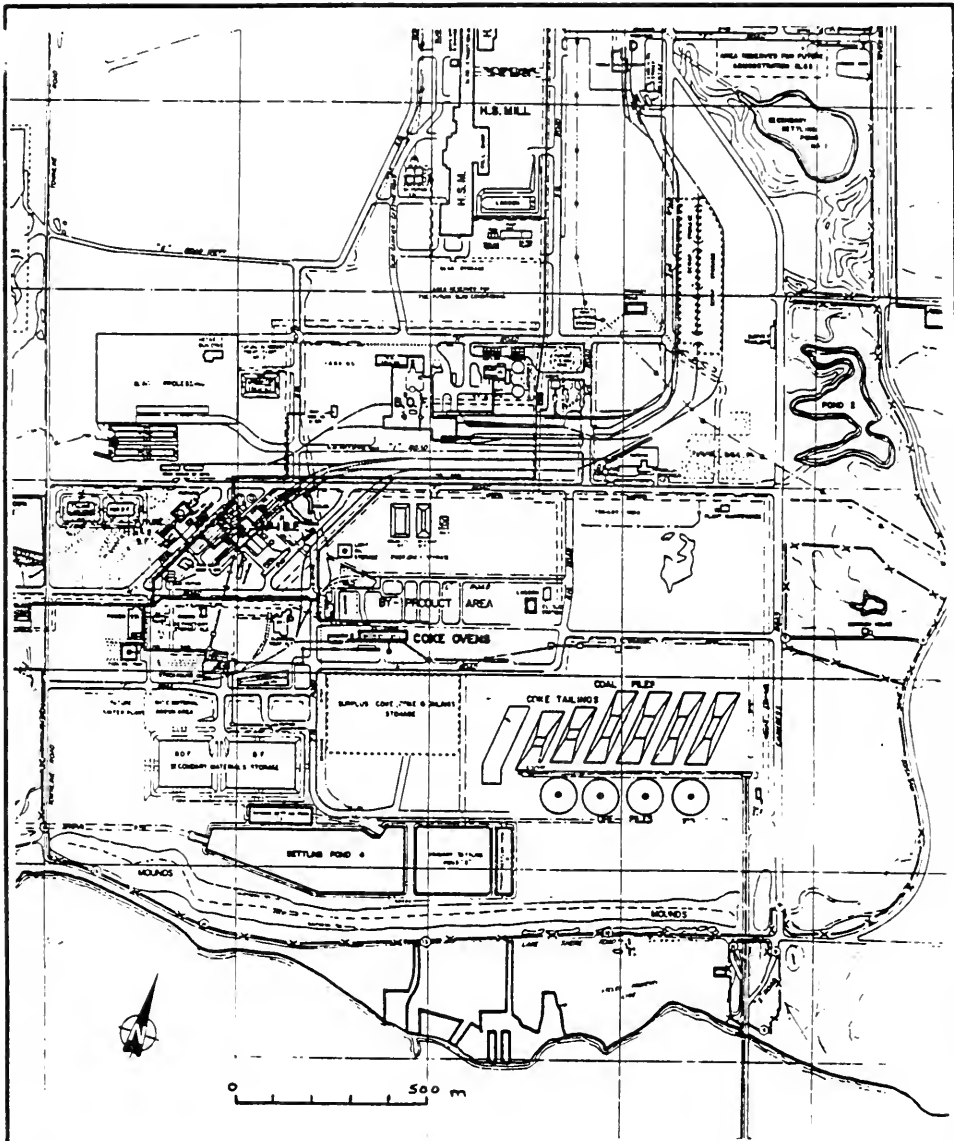
6. Comments/Remarks: By-product tar sold for outside processing into saleable products, tar sludge sent to Tricil Ltd. for disposal; active steel works



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Nanticoke Area showing location of Stelco site,
(Source: Simcoe, 1:50,000 map, sheet 40-I/16)

INTERA Technologies



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1985 Plan of Stelco site at Nantcoke, (Stelco Drawing #300099 First Stage Lake Erie Works)

INTERA Technologies

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Sault Ste. Marie Street Address Queen St. West to Baseline
MOE Region Northeastern Sault Ste. Marie
MOE District Sault Ste. Marie NTS Map Sheet 41 K/9
Historical Maps and Photos Available 1919 Town plan; 1925 fire insurance plan
(sheets 29, 30, 31); 1949 revision of 1943 city plan (all from Sault Ste. Marie
Public Library); 1950 air photo (NAPL A13085-169)

2. Site Identification:

Name Algoma Steel Co. Ltd.
Type of Facility Coke oven by-product plant
Operator(s) and Period(s) of Operation Lake Superior Corp./Algoma Steel Co. Ltd.
(1911 to present)

3. Site Characteristics:

Size (when operated) Approx. 600 hectare including slag dump
Present Land Use Operating steel mill
Planned Land Use Same
Present Occupant(s) Algoma Steel Corp.
Present Land Use Adjoining Properties North - residential; east - commercial;
west - rural/residential; south - St. Mary's River
Underground Utilities Numerous buried utilities on-site and in the surrounding
streets

Soil Conditions Sand overlying clay overlying silt overlying silty sand till
overlying bedrock

Site Access Limited, controlled access

4. Evidence of Buried Wastes:

Operating Period 1911 - present (77 years)

Excavation History Unknown

Visible Wastes Slag dump contains waste products, tar, oils, slag, etc.

Odour Coal tar odour around the site but attributable to active coke oven
emissions

Water Pollution Coal tar found in Bennett and Spring Creeks

PAH found in sediments and biota in the Algoma Slip (St. Mary's River)

5. Resource Characteristics:

Surface Water St. Mary's River, Spring Creek, Bennett Creek

Proximity Adjacent to site, forms southern boundary

Use Recreational (water supply upstream)

Groundwater, Proximity In bedrock, 30 to 100 m below surface

Use Municipal and industrial water supply

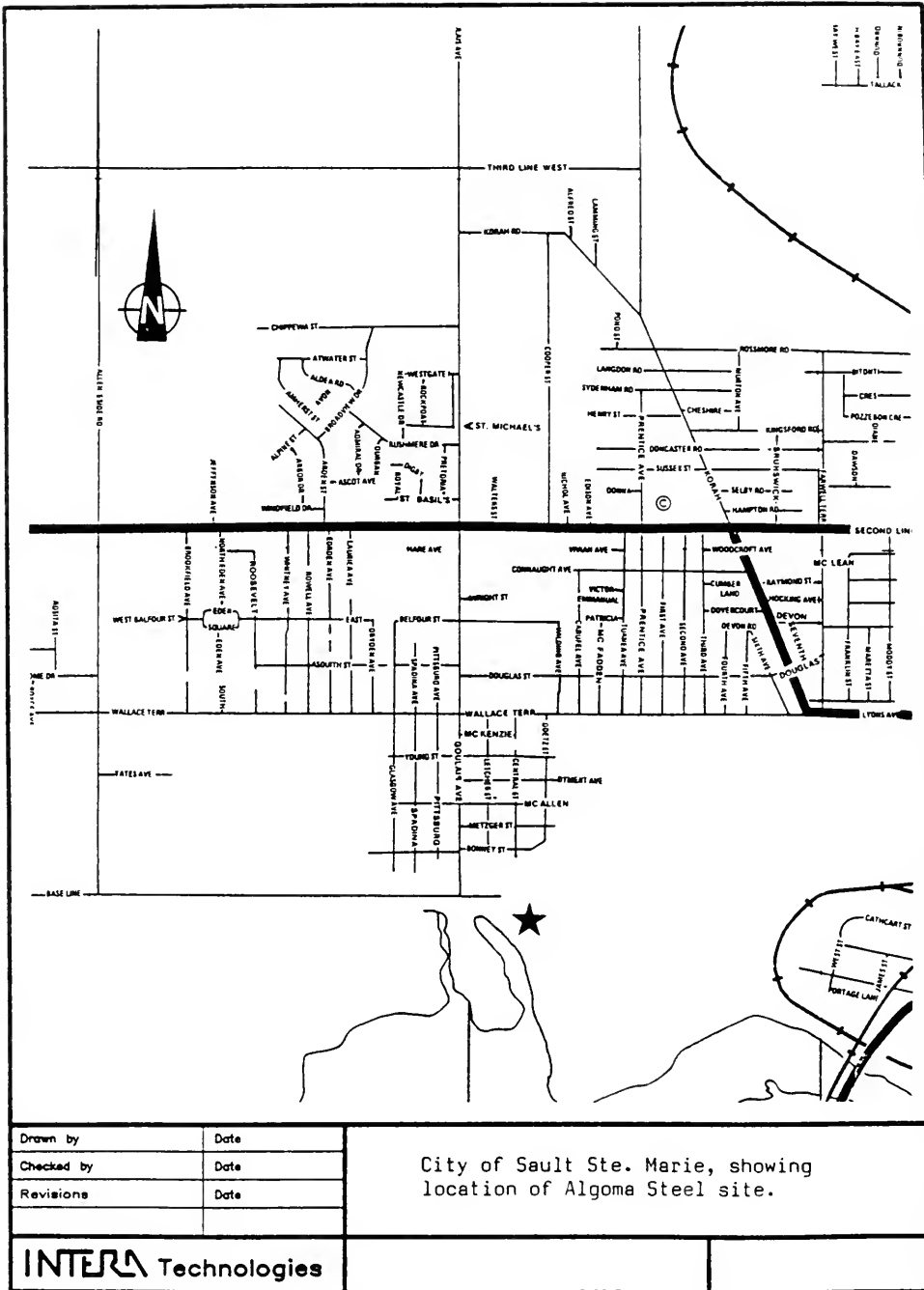
Proximity of Existing Wells Wells (Domtar, Cooper wells) adjacent to site;

Municipal wells within 1 to 2 km of the site

Site Investigations Geocon (1983) - site investigation of slag dump area;

Conestoga-Rovers and Assoc. - ongoing studies of Bennett Cr.

6. Comments/Remarks: Very large industrial site in operation for a long period of
time; suspected of causing environmental impact on St. Mary's River; ongoing
studies of coal tar contamination by MOE and Algoma; slag dump receives most
plant site wastes.



1925 Plan of Algoma Steel Ltd. site, (Source: Fire insurance plan, Sault Ste. Marie Public Library, sheet 29)

INDUSTRIAL MANUFACTURED GAS PLANTS

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Cambridge (Preston) Street Address 498 Eagle St. N.MOE Region West CentralMOE District Cambridge NTS Map Sheet 40 P/8Historical Maps and Photos Available 1884 fire insurance plan (Public Archives Canada NMC 9641); 1945 air photo (NAPL A9196-15)

2. Site Identification:

Name Preston Woollen MillsType of Facility Industrial oil gasification plantOperator(s) and Period(s) of Operation Geo. Pattinson & Co. (1870s - 1890s)

3. Site Characteristics:

Size (when operated) Small less than 0.1 hectarePresent Land Use Industrial (manufacture of thermoplastic molding compounds)Planned Land Use Same as presentPresent Occupant(s) Aclo Compounders Inc.Present Land Use Adjoining Properties North - Speed River; east - vacant land and institutional (Church); south - industrial/commercial (truck garage); west - vacant landUnderground Utilities Watermain and storm and sanitary sewers along Eagle St.

Soil Conditions UnknownSite Access Uncontrolled4. **Evidence of Buried Wastes:**Operating Period 1870s - 1890s (about 20 years)

Excavation History Gas house building demolished and excavated in late 1890s to
construct existing building no. 12 (Aclo office space); some excavation
associated with plant expansion (1950s)

Visible Wastes None reported or observed

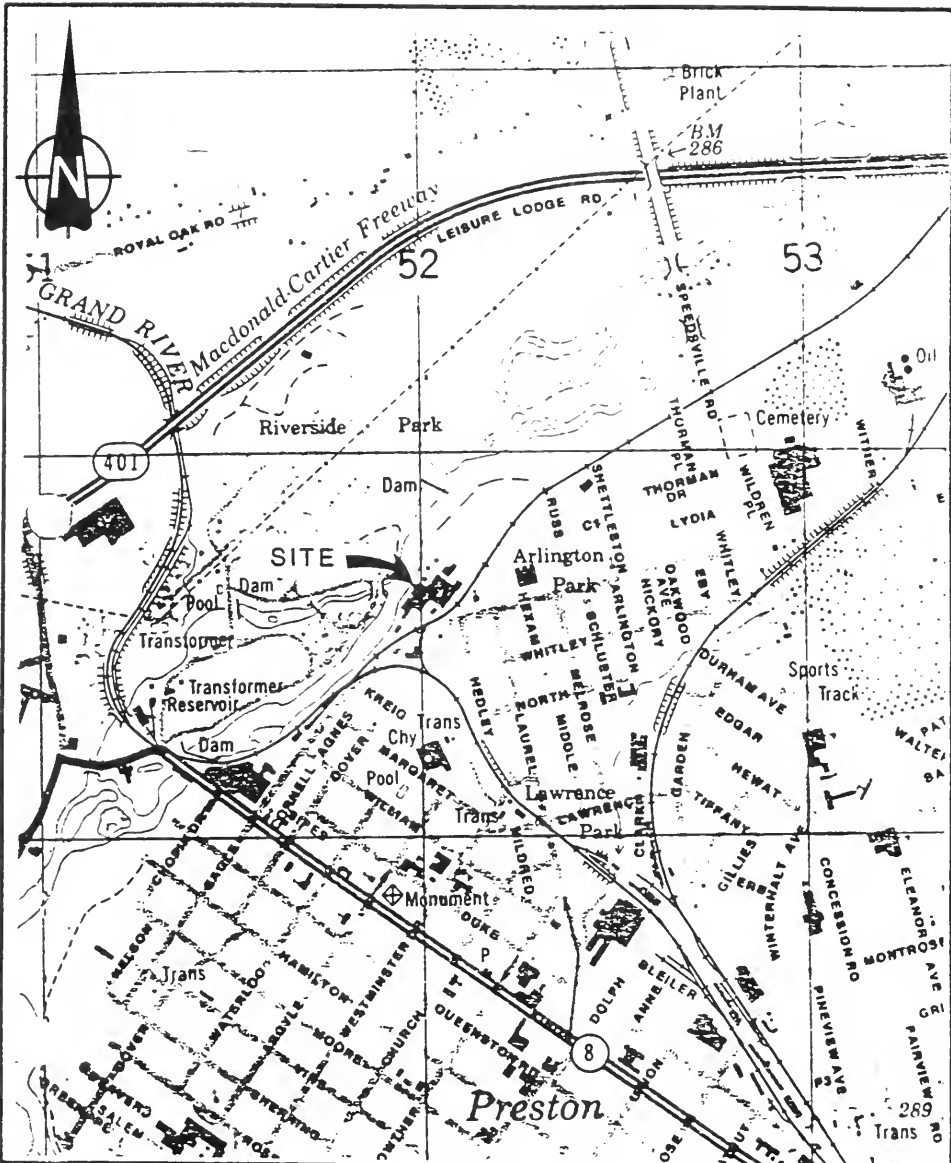
Odour None reported or observed (some compound odour associated with Aclo
operation)

Water Pollution None reported or observed5. **Resource Characteristics:**Surface Water Speed RiverProximity AdjacentUse RecreationalGroundwater, Proximity UnknownUse Municipal water supply

Proximity of Existing Wells Supply wells on opposite side of Speed River
approximately 300 m north of site

Site Investigations None known

6. **Comments/Remarks:** Small oil gasification plant that operated in association
with the woolen mill; off-site disposal areas unknown, likely on-site disposal



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City of Cambridge (Preston), showing
location of Pattinson Woollen Mill
site.

INTERA Technologies

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1884 Plan of Pattinson Woollen Mill site,
(Source: Fire Insurance Map, Public Archives
Canada, NMC-9641).

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Ottawa Street Address 552 and 562 Booth Street
MOE Region Southeastern
MOE District Ottawa NTS Map Sheet 31 G/5
Historical Maps and Photos Available c1910 building plan (Ignatieff, 1981); 1922
fire insurance plan (Public Archives Canada, NMC 10837, sheet 124); several
historical photos (Ignatieff, 1981)

2. Site Identification:

Name Dominion of Canada, Fuel Testing Station/Fuel Research Labs
Type of Facility Semi-industrial coal gas plant/by-product coke oven
Operator(s) and Period(s) of Operation Government of Canada - Mines Branch
(1911 - 1940s)

3. Site Characteristics:

Size (when operated) 1.0 hectare
Present Land Use Commercial/public use
Planned Land Use Same as present
Present Occupant(s) Government of Canada, laboratories and offices
Present Land Use Adjoining Properties North, south, west, east - Government
buildings
Underground Utilities Storm and sanitary sewers, watermain, gas and telephone
along Booth St.

Soil Conditions Unknown

Site Access Unrestricted during the day, restricted at night

4. Evidence of Buried Wastes:

Operating Period Approx. 1911 - 1940, operated intermittently as a research facility

Excavation History Excavation for construction of current building at 552 Booth (1920s)

Visible Wastes None reported or observed

Odour None reported or observed

Water Pollution None reported or observed

5. Resource Characteristics:

Surface Water Dows Lake

Proximity 500 m south

Use Recreational

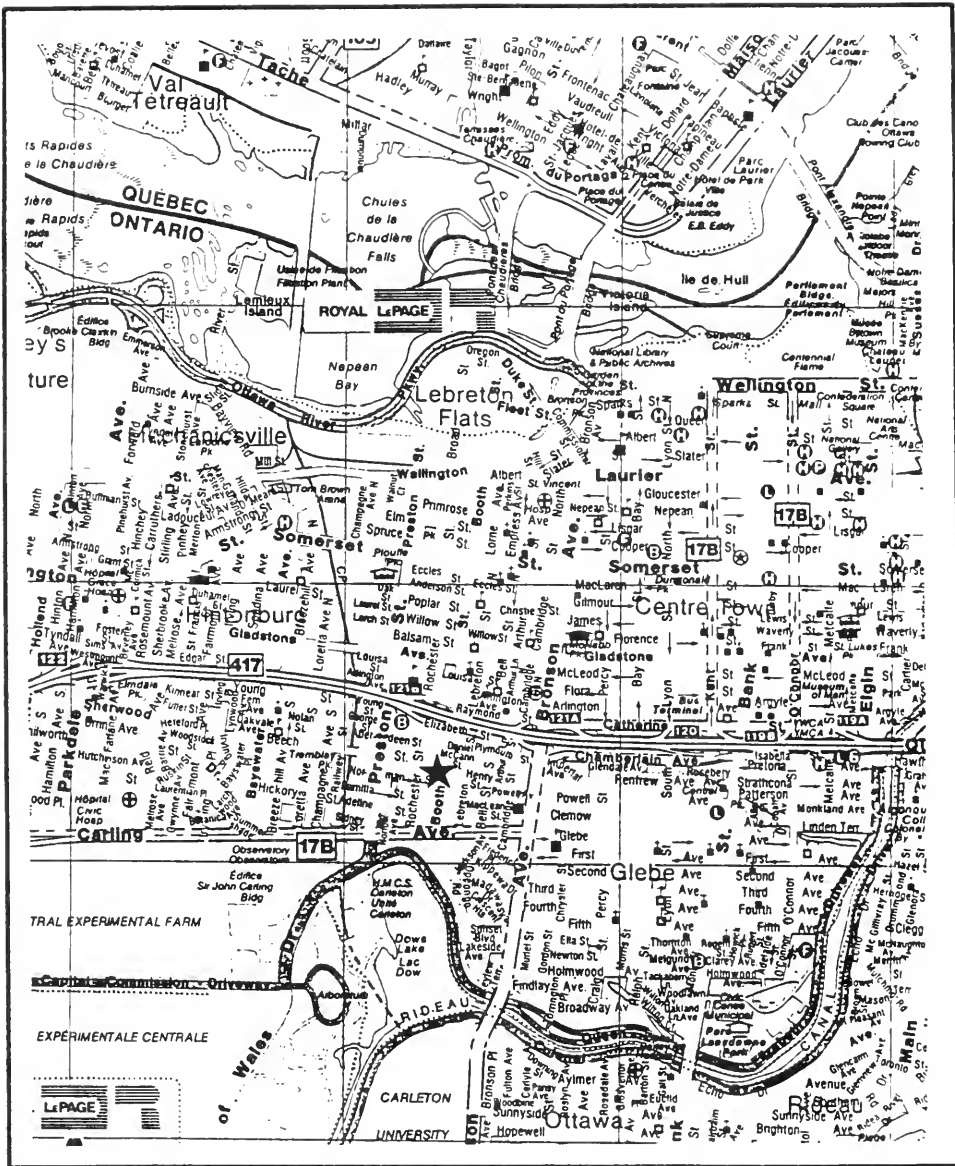
Groundwater, Proximity Unknown

Use None reported

Proximity of Existing Wells None

Site Investigations Unknown

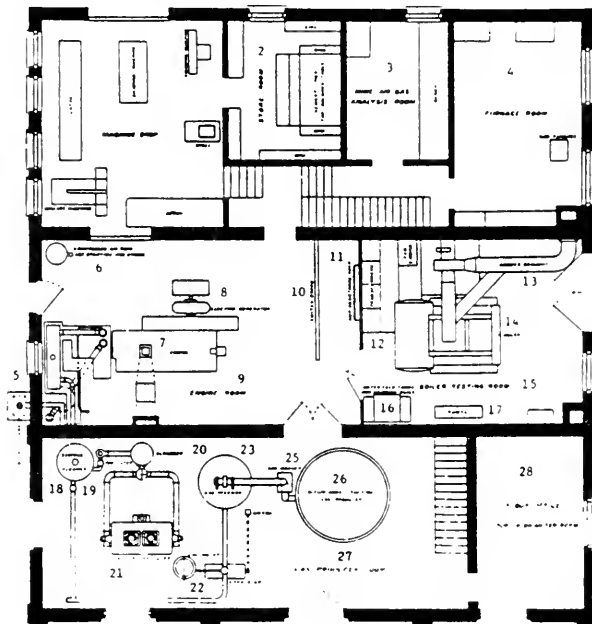
6. Comments/Remarks: This site is actually two sites - a coal gas producer was used at 552 Booth St. (1920s) and a 2 ton by-product coke oven was used at 562 Booth St. (1920s, 30s) in support of Mines Branch carbonization studies of Canadian coals.



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City of Ottawa, showing location of
Dominion of Canada, Fuel Testing
Laboratories.

INTERA Technologies



BOOTH ST.

Fuel Testing Station - ground floor: 1. Machine shop, 2. Store room, 3. Mine air gas analysis room, 4. Gas furnace room, 5. Antipulsator, 6. Compressed air tank for starting gas engine, 7. Engine, 8. Electric generator, 9. Engine room, 10. Switch board, 11. Lamp resistance rack, 12. Transformers, 13. Induced draught, 14. Boiler, 15. Boiler testing room, 16. Water feed tanks and weighing scale, 17. Pumps, 18. Sawdust cleaner, 19. Tar filter, 20. Scrubber, 21. Peat gas producer, 22. Gasometer, 23. Gas receiver, 24. Exhauster, 25. Gas washer, 26. Bituminous section gas producer, 27. Gas producer room, 28. Office

Drawn by	Date
Checked by	Date
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Plan of Dominion of Canada, Fuel Testing Station, 552 Booth Street., (Source: Ignatieff, 1981)

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Niagara Falls Street Address north end of Fourth Avenue
 MOE Region West Central
 MOE District Welland NTS Map Sheet 30 M/3
 Historical Maps and Photos Available 1916 fire insurance plan (Public Archives Canada NMC 9581, sheet 22); 1916 fire insurance plan key (Regional Collection, University of Western Ontario, sheet 13); 1920 fire insurance plan (Public Archives Canada, NMC 9582, sheet 22); 1967 air photo (NAPL A20291-2)

2. Site Identification:

Name American Cyanamid Co./Cyanamid Canada Ltd.
 Type of Facility Industrial coal gasification plant
 Operator(s) and Period(s) of Operation American/Canadian Cyanamid Co. (1916 to present); Gas Works present from 1916 to at least 1920

3. Site Characteristics:

Size (when operated) 6.0 hectare (Gas Works 0.7 hectare)
 Present Land Use Industrial
 Planned Land Use Same
 Present Occupant(s) Cyanamid Canada Ltd.
 Present Land Use Adjoining Properties North - vacant; east - railway; south - commercial and residential; west - commercial and residential
 Underground Utilities Numerous on-site utilities and pipelines

Soil Conditions Clay, silt and sand overlying till

Site Access Fenced industrial site - controlled access

4. Evidence of Buried Wastes:

Operating Period Plant 72 years; Gas Works uncertain period, minimum of 4 years

Excavation History Furnace House built over gas works

Visible Wastes Tar residue encountered in geotechnical borehole for
construction of furnace house

Odour Odours detectable off-site but are associated with the present operation
of the plant and not the gas works

Water Pollution None reported or observed

5. Resource Characteristics:

Surface Water Power Canal, Niagara River

Proximity Power Canal - 450 m, Niagara River - 760 m

Use Industrial, recreational

Groundwater, Proximity Water table 5 - 10 m below surface

Use Not used

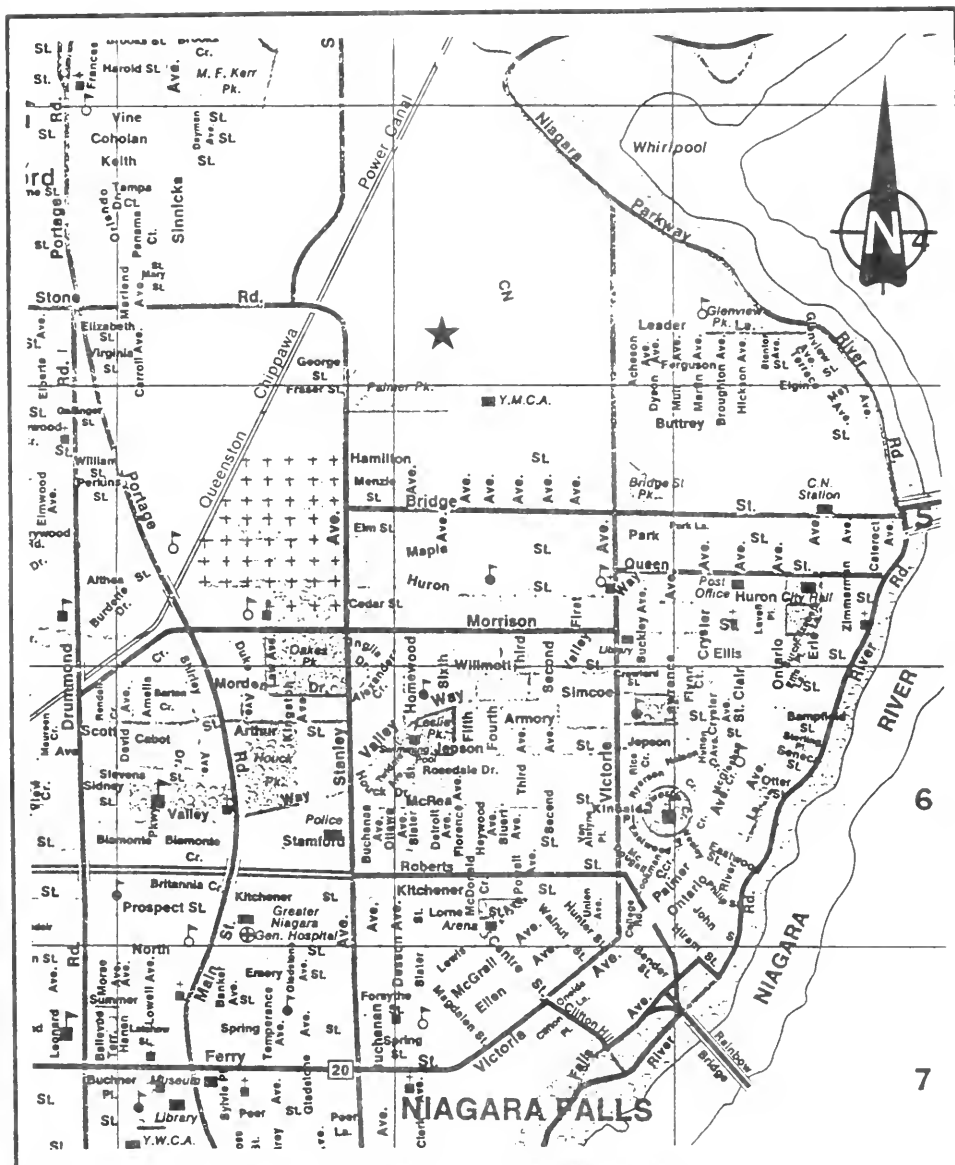
Proximity of Existing Wells Regional wells in bedrock (Lockport formation)

Site Investigations Preliminary hydrogeologic study (1985, Terraqua Investiga-
tions Ltd.); Waste area identification and assessment (1987, Gartner Lee Assoc.)

6. Comments/Remarks: Active industrial site presently under investigation by MOE.

Gas Works now built over. Other problems on-site not related to Gas Works

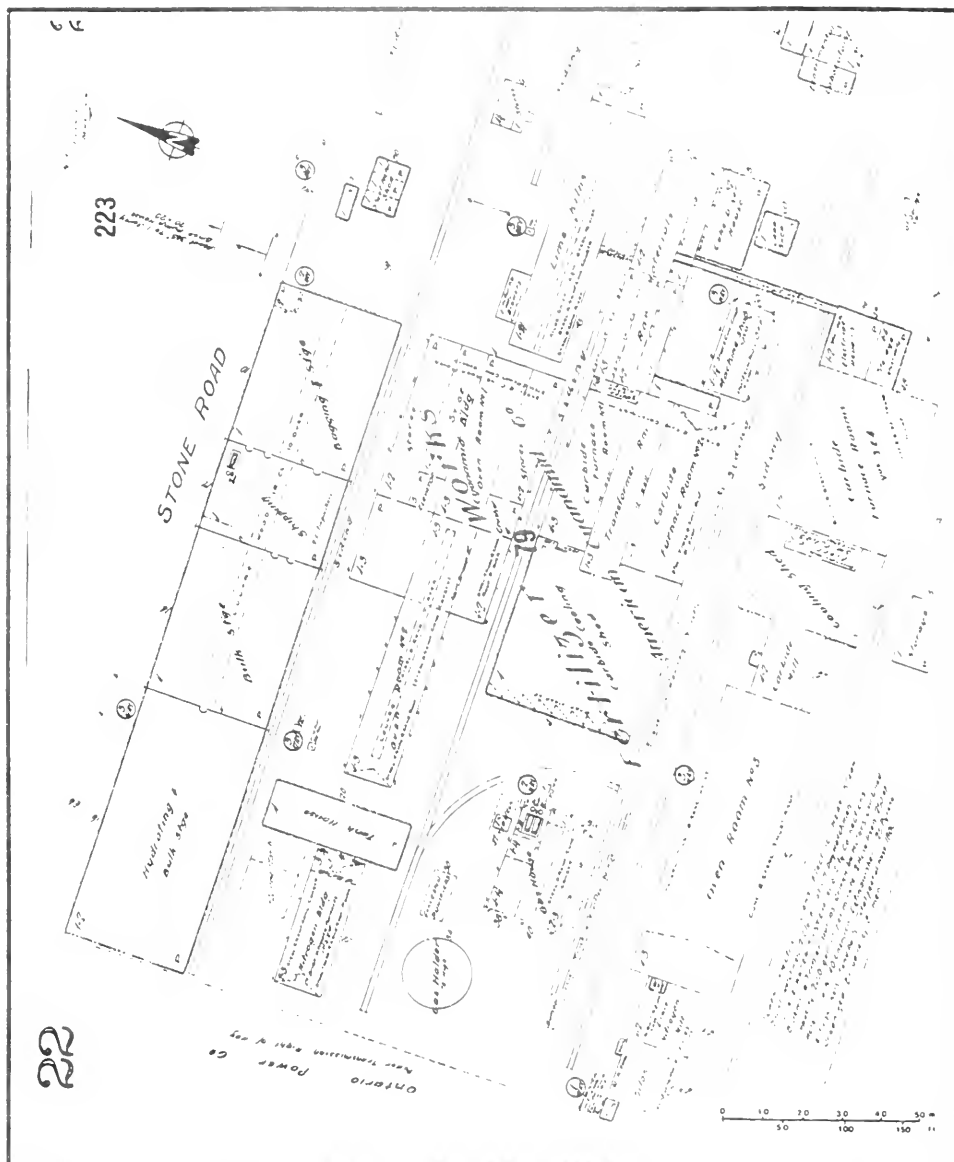
include cyanide contamination; underground tar well evident on fire insurance
plans.



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City of Niagara Falls, showing location
of American Cyanamid Co. site.

INTERA Technologies



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1916 Plan of American Cyanamid site, (Source: Fire Insurance Map, Public Archives Canada, NMC-9581, sheet 22)

INTERA Technologies

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City North Bay Street Address 535 Stanley St.
MOE Region Northeastern
MOE District North Bay NTS Map Sheet 31 L/6
Historical Maps and Photos Available 1915 fire insurance plan (Public Archives of Canada NMC 9792, sheet 11); 1946 fire insurance plan (Public Archives Canada NMC 10712, sheet 23); 1963 air photo (NAPL A17997-34)

2. Site Identification:

Name Pintsch Compressing Co. Ltd.
Type of Facility Industrial manufactured gas plant, Pintsch gas (oil pyrolysis)
Operator(s) and Period(s) of Operation Pintsch Compressing Co. Ltd. (1910 - 1956)

3. Site Characteristics:

Size (when operated) 1.5 hectare
Present Land Use Light industrial
Planned Land Use No development
Present Occupant(s) Rahmet Inc.
Present Land Use Adjoining Properties North & west - light industrial; east - railway; south - parkland
Underground Utilities Storm and sanitary sewer, water and gas along Stanley Street; Storm and sanitary sewer and water along Regina Street

Soil Conditions Unknown

Site Access Site is fenced with gate - controlled access

4. Evidence of Buried Wastes:

Operating Period 1910 - 1956 (46 years)

Excavation History Storm and sanitary sewers along Stanely St. (1963) and Regina St. (1975)

Visible Wastes None reported or observed

Odour None reported or observed

Water Pollution None reported or observed

5. Resource Characteristics:

Surface Water Lake Nipissing

Proximity 150 m west of site

Use Recreational

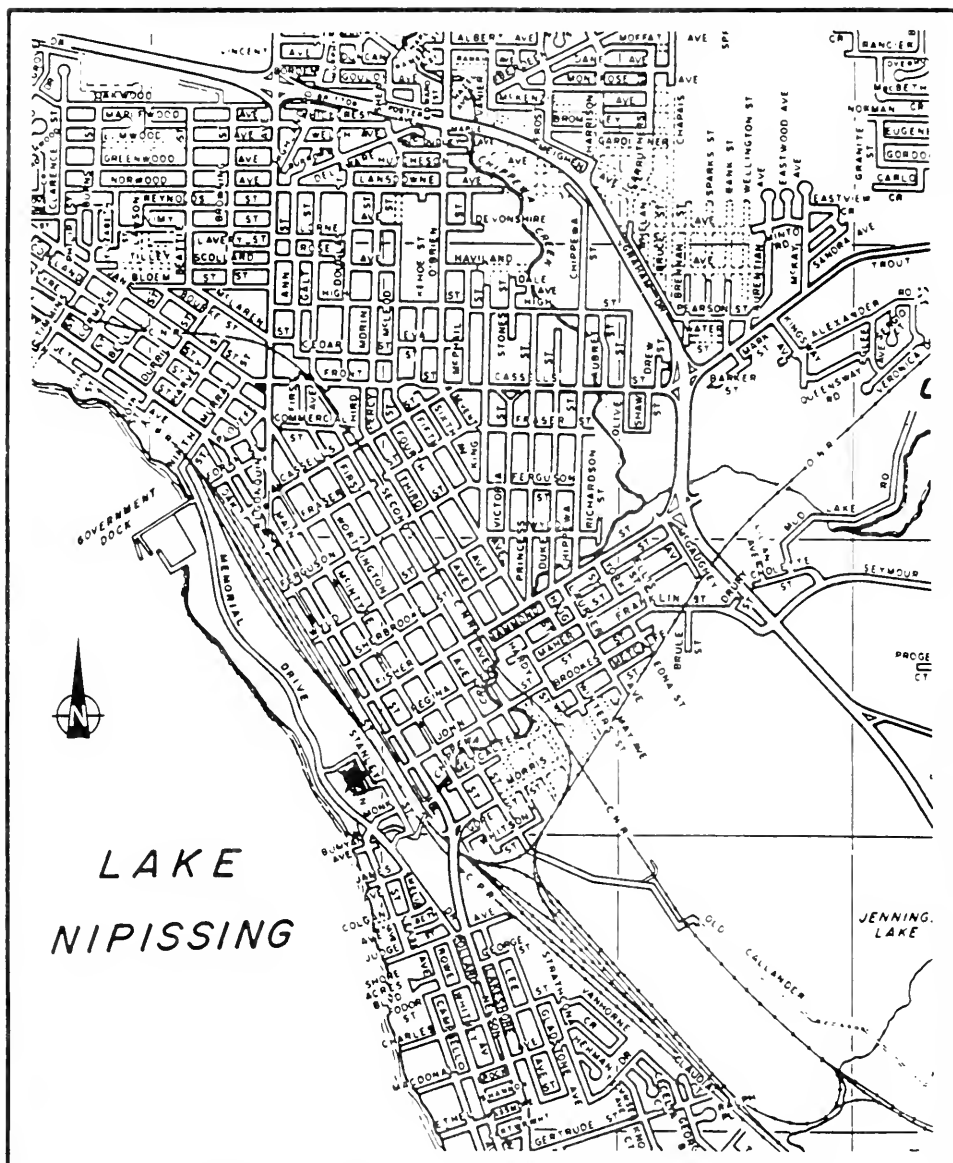
Groundwater, Proximity Unknown

Use Not used

Proximity of Existing Wells Unknown

Site Investigations None reported

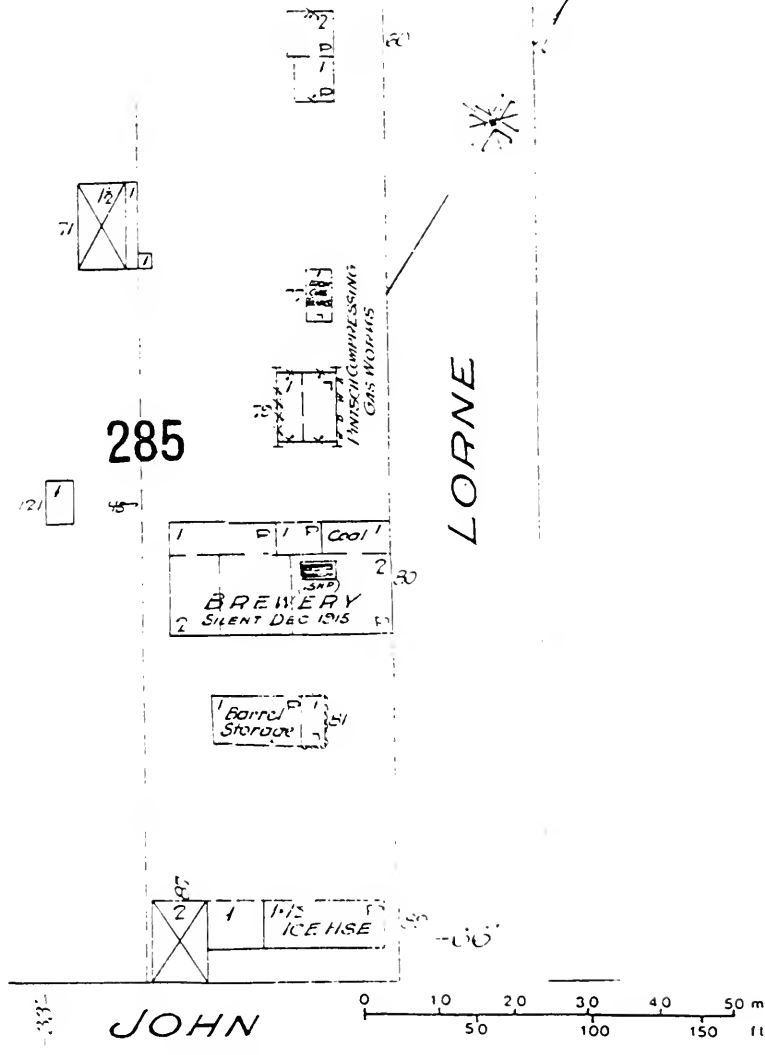
6. Comments/Remarks: Original building on the site; no evidence of waste



Drawn by	Date
Checked by	Date
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City of North Bay, showing location of
Pintsch Compressing Co. site.

INTERA Technologies



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1915 Plan of Pintsch Compressing Co. site,
(Source: Fire Insurance Map, Public Archives
Canada, NMC-9792, sheet 11)

INTERA Technologies

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Toronto Street Address South of Peter St. between Front
 MOE Region Central St. W. and Lakeshore Blvd. W.
 MOE District Toronto NTS Map Sheet 30 M/11
 Historical Maps and Photos Available 1909 fire insurance plan (Public Archives
Canada, NMC 31775, sheet 75); 1935 air photo (NAPL A6591-40)

2. Site Identification:

Name Pintsch Compression Co. Gas Plant
 Type of Facility Pintsch Gas, oil pyrolysis manufactured gas plant
 Operator(s) and Period(s) of Operation Pintsch Compression Co. (1906 - 1960)

3. Site Characteristics:

Size (when operated) 0.8 hectare
 Present Land Use Public - commercial (site of Toronto Domed Stadium)
 Planned Land Use Toronto Domed Stadium under construction
 Present Occupant(a) Toronto Domed Stadium
 Present Land Use Adjoining Properties North - rail lines, high rise offices;
East and West - City Place, commercial development; South - Lakeshore Blvd. W.
 Underground Utilities To be constructed, formerly adjacent to John St. Pumping
Station

Soil Conditions 0 - 2 m silty fill with cinders, brick, 2 - 4 m clayey silt,
4 - 6 m silt and shale, 6 m shale

Site Access Controlled access during construction

4. Evidence of Buried Wastes:

Operating Period 1906 - 1960 (54 years)

Excavation History Domed stadium construction, underground tanks removed (1986,
1987)

Visible Wastes Fluid with hydrocarbon odour removed from tanks (1986);

Oil staining on surface soil samples - bh 32 (1985)

Odour Fuel odour on soil samples - bh 32 (1985)

Water Pollution None reported or observed

5. Resource Characteristics:

Surface Water Toronto harbour (Lake Ontario)

Proximity 200 m south

Use Recreational, industrial

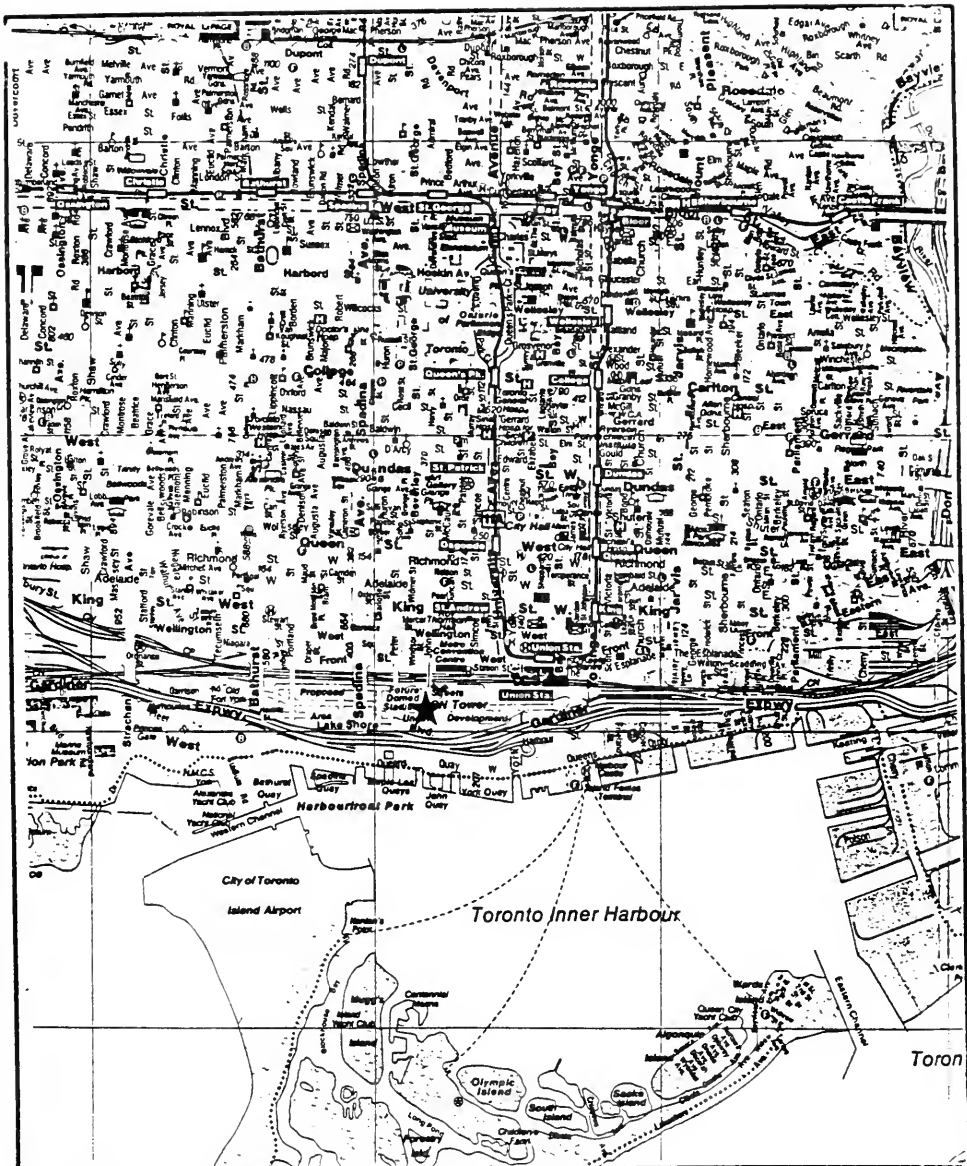
Groundwater, Proximity 1.5 m

Use None

Proximity of Existing Wells None reported in area

Site Investigations Brown Associates (1986) & Geocon (1985) for redevelopment of
CN Precinct "A" Railway lands

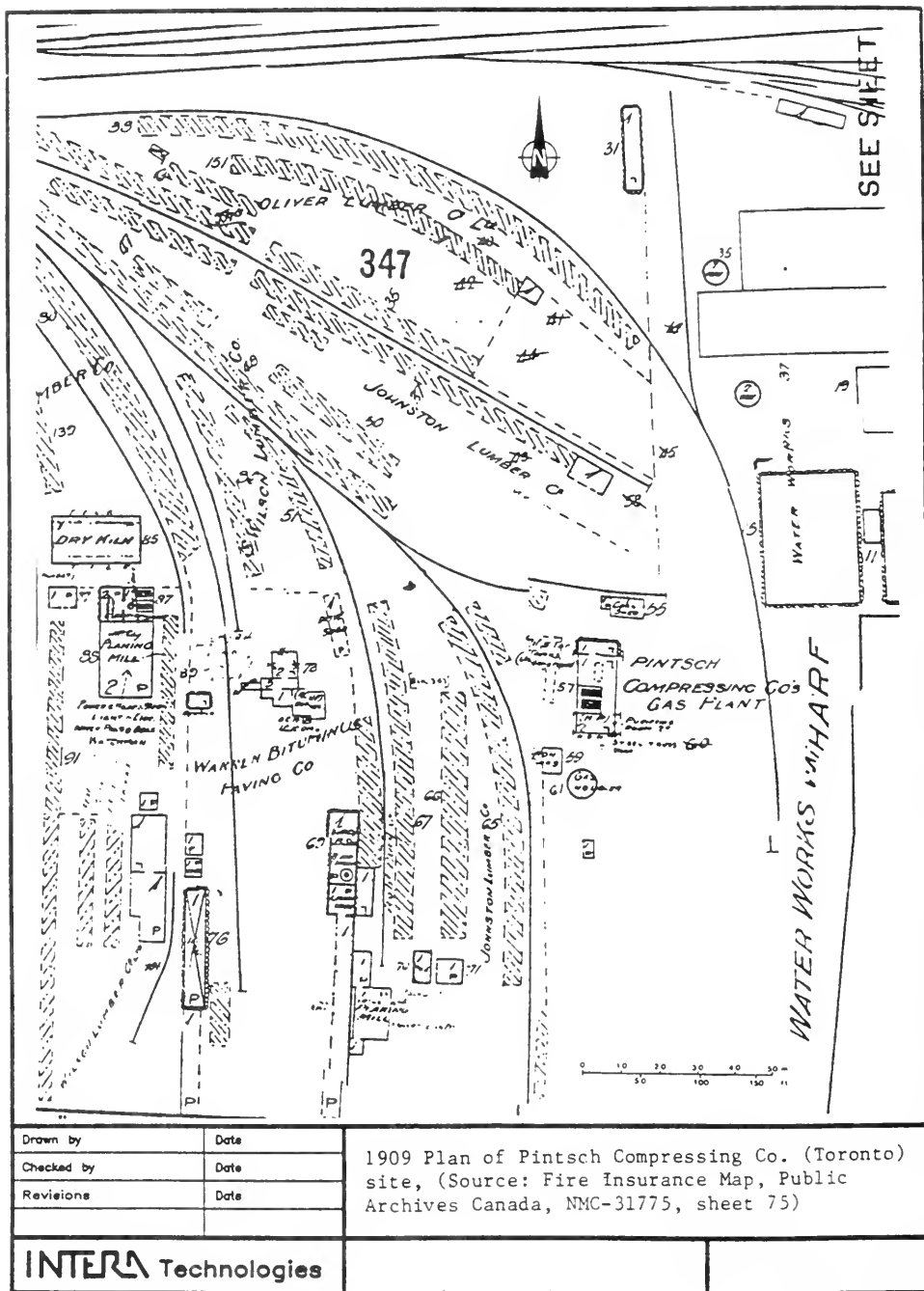
6. Comments/Remarks: Underground tanks and soil in vicinity of former site removed
during construction of Domed Stadium. Underground tank encountered at southwest
corner of stadium, site known prior to excavation



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City of Toronto, showing location of
Pintsch Compressing Co. site.

INTERA Technologies



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1909 Plan of Pintsch Compressing Co. (Toronto) site, (Source: Fire Insurance Map, Public Archives Canada, NMC-31775, sheet 75)

INTERA Technologies

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Windsor Street Address Block bounded by Grand Marais
Elsmere Ave., North Service Rd.
and Howard Ave.

MOE Region Southwestern

MOE District Windsor NTS Map Sheet 40 J/6

Historical Maps and Photos Available 1953 fire insurance plan (Public Archives
Canada, NMC, sheet 441); 1950 air photo, National Air Photo Library (A12504-128);
1952 air photo, National Air Photo Library (A13595-10)

2. Site Identification:

Name Union Natural Gas Co.

Type of Facility Oil gas plant

Operator(s) and Period(s) of Operation Union Gas Co. (1929 to late 1950s)

3. Site Characteristics:

Size (when operated) Approx. 5 hectare

Present Land Use Union Gas regulator facility (S.W.), construction co. yard,
warehouse, shop and offices (E.), vacant space

Planned Land Use As is

Present Occupant(s) Union Gas Co. Ltd., Woodall Construction Co. Ltd.

Present Land Use Adjoining Properties West - commercial; Northwest - commercial;
North & Northeast - residential; east - light industrial

Underground Utilities Gas mains and pipelines

Soil Conditions Insitu soil - silt and silty sand (creek bank); fill (0.5 - 2.0 m)
in places

Site Access Restricted in area of former gasometer, horton spheres, gas plant
and separators (Woodall Const.)

4. Evidence of Buried Wastes:

Operating Period 1929 to late 1950s - intermittent operation (about 25 years)

Excavation History Unknown

Visible Wastes None observed or reported

Odour None observed or reported

Water Pollution None observed or reported

5. Resource Characteristics:

Surface Water Small creek runs through site

Proximity Unknown

Use Industrial, storm drainage

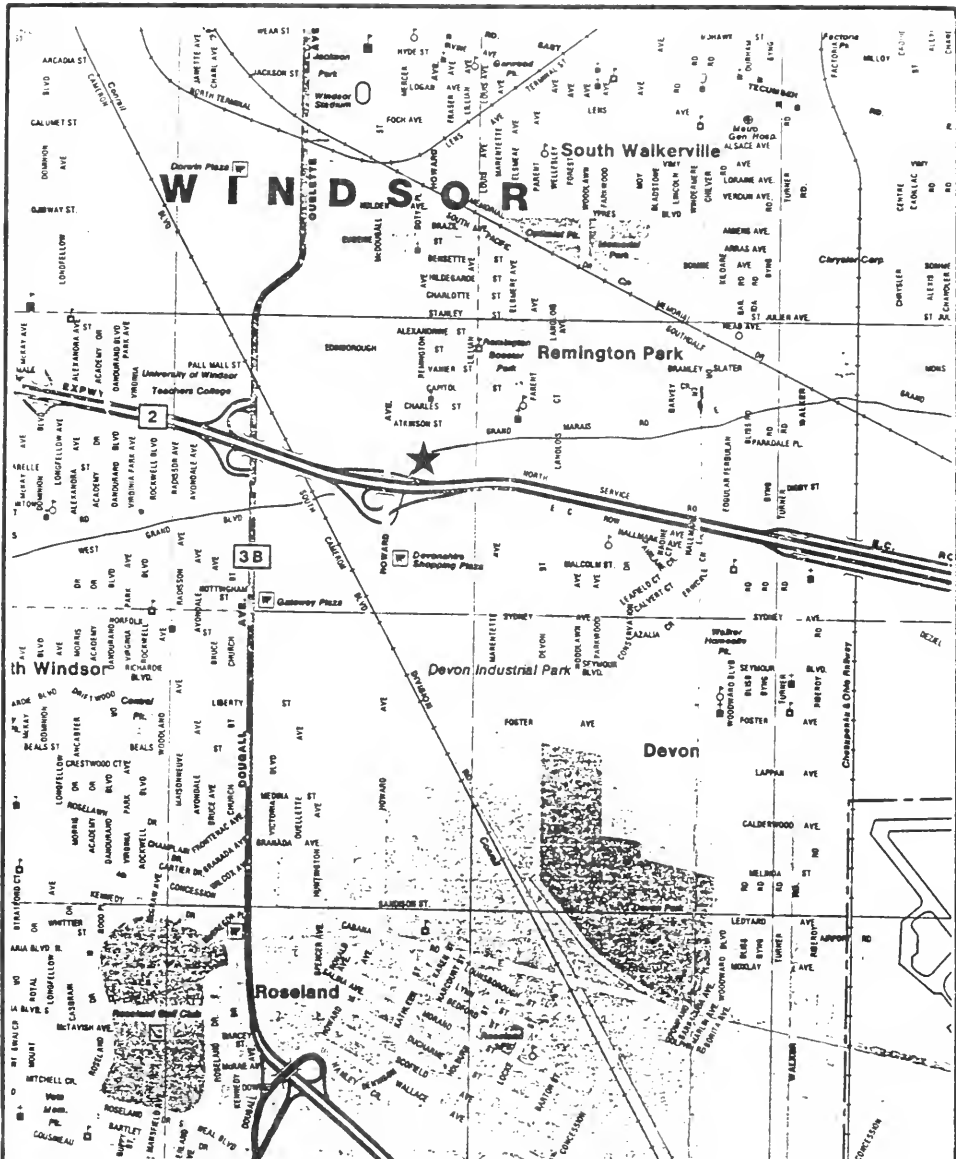
Groundwater, Proximity Unknown

Use Not used

Proximity of Existing Wells Unknown

Site Investigations None reported

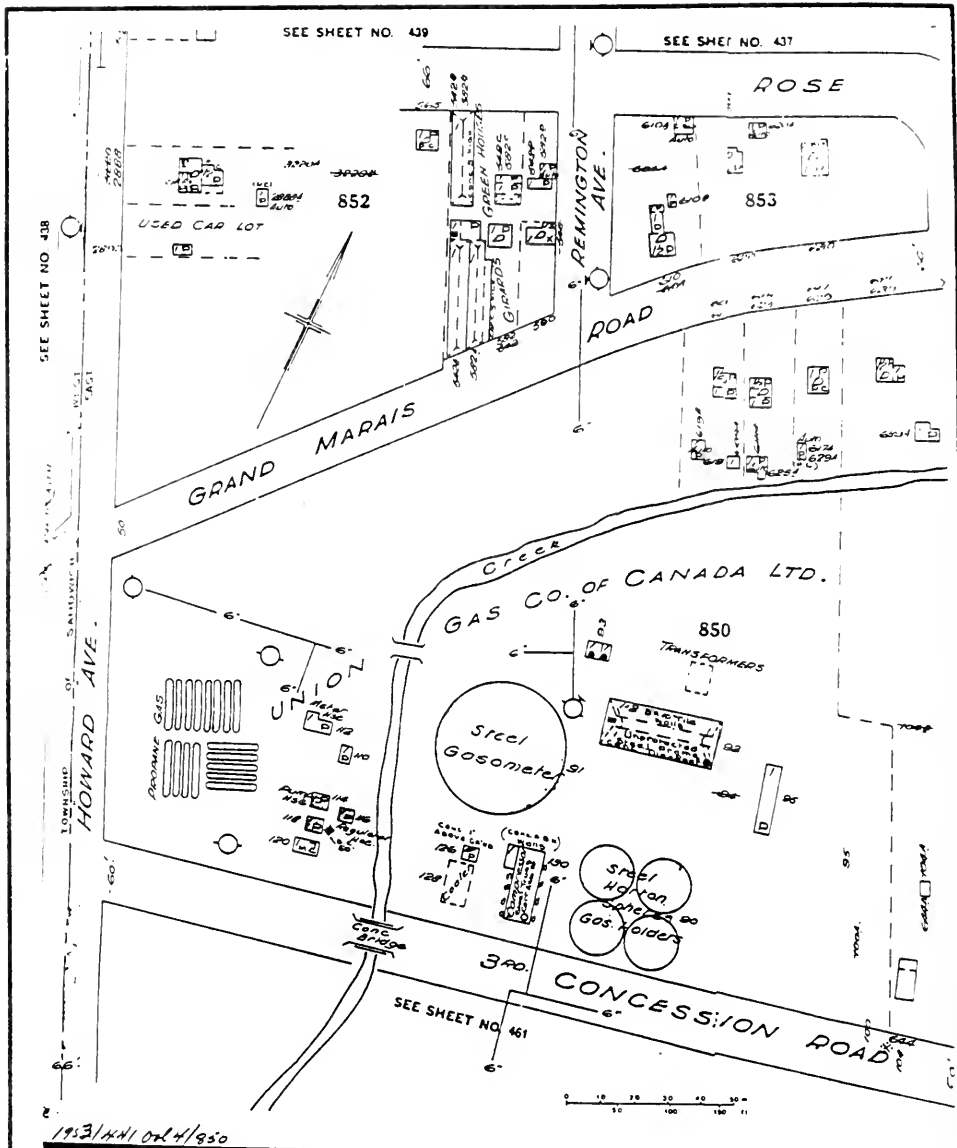
6. Comments/Remarks: Dayton Process oil gas plant used to generate manufactured
gas to supplement natural gas reserves



Drawn by	Date
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City of Windsor, showing location of
Union Natural Gas Co. site.

INTERA Technologies



Drawn by	Date
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1953 Plan of Union Natural Gas Co. of Canada site, (Source: Fire Insurance Map, Public Archives Canada, NMC, sheet 441)

INTERA Technologies

WOOD DISTILLATION PLANTS

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Deseronto Street Address Main St. between First & Second
 MOE Region Southeastern on Bay of Quinte
 MOE District Kingston NTS Map Sheet 31 C/3
 Historical Maps and Photos Available 1898 fire insurance plan (Regional
Collection, University of Western Ontario, sheet 3 and key); 1922 fire insurance
plan (Public Archives Canada NMC 9401, sheet 2); 1931 air photo (NAPL A3252-40)

2. Site Identification:

Name E.W. Rathbun Co./Standard Chemical Co.
 Type of Facility Wood distillation plant/charcoal oven by-product plant/wood tar
distillation plant
 Operator(s) and Period(s) of Operation Rathbun Co. (1889 - 1902);
Standard Chemical Co. (1902 - 1920)

3. Site Characteristics:

Size (when operated) 1.0 hectare
 Present Land Use light industrial (furniture/cabinetry factory) and
residential
 Planned Land Use Plans to build additional house on property
 Present Occupant(s) Hawley Bros. Ltd.
 Present Land Use Adjoining Properties North - residential; east - residential;
west - vacant; south - Bay of Quinte
 Underground Utilities Sanitary sewers along Main St.

Soil Conditions Fill/sand overlying bedrock at 0.7 m

Site Access Uncontrolled

4. Evidence of Buried Wastes:

Operating Period 1889 - 1920 (31 years)

Excavation History House excavation (1951) let sit for approx. 1 month to vent
gases from soil

Visible Wastes None reported or observed

Odour See excavation history

Water Pollution None reported or observed

5. Resource Characteristics:

Surface Water Bay of Quinte/Lake Ontario

Proximity Borders south side of site

Use Recreational, industrial, water supply (distant)

Groundwater, Proximity Unknown

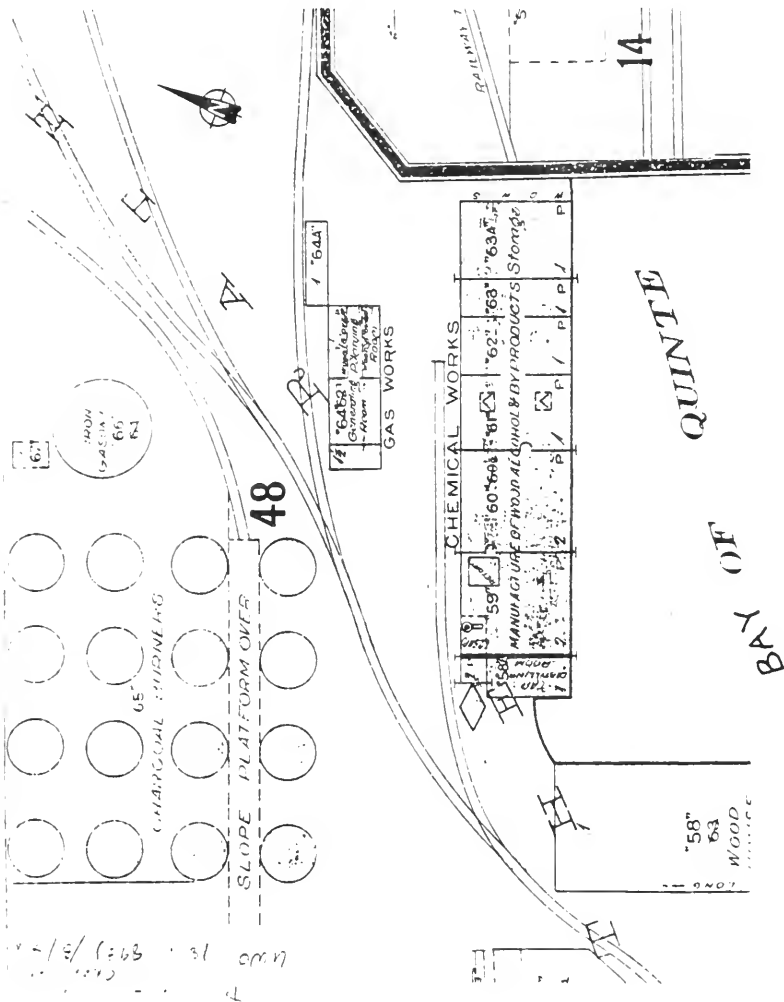
Use None

Proximity of Existing Wells None reported

Site Investigations None reported

6. Comments/Remarks: Coal gasification plan remained on-site after end of
chemical works. Standard Iron Co. also existed in Deseronto during same period
utilitizing charcoal in blast furnaces; 1898 map shows tar distillation room and
by-products plant

INTERA Technologies



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1898 Plan of E.W. Rathbun, Standard Chemical Co. site, (Source: 1898 Revision of 1893 Fire Insurance Map, Regional Collection, University of Western Ontario, sheet 3)

INTERA Technologies

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Donald Street Address Part Lot 6 and 7, Con. 1
MOE Region Central Twp. Dysart, County of Haliburton
MOE District Muskoka-Haliburton NTS Map Sheet 31 D/15
Historical Maps and Photos Available No maps available, 1944 air photo (NAPL
A4832-83) shows layout of plant

2. Site Identification:

Name Donald Wood Products Ltd./Standard Chemical Co. Ltd.
Type of Facility Wood distillation plant
Operator(s) and Period(s) of Operation Donald Wood Products Ltd. (1908 -
approx. 1915); Standard Chemical Ltd. Co. (1915 - 1945)

3. Site Characteristics:

Size (when operated) About 2 hectare
Present Land Use Vacant - recreational
Planned Land Use No development planned
Present Occupant(s) Vacant (property owned by Mr. J. Boyd)
Present Land Use Adjoining Properties North & south - residential; east & west -
recreational
Underground Utilities None

Soil Conditions Unknown

Site Access Access limited by no trespassing signs and a broken fence

4. Evidence of Buried Wastes:

Operating Period 1908 - Dec. 1945

Excavation History None

Visible Wastes Cinders, ash, charcoal and tar; tar patches adjacent to river

Odour Wood alcohol smell at several locations around the site;
slight creosote odour near the tar patches

Water Pollution Phenol contamination detected in domestic well

5. Resource Characteristics:

Surface Water Burnt River

Proximity Adjacent to site

Use Recreational, water supply

Groundwater, Proximity In bedrock

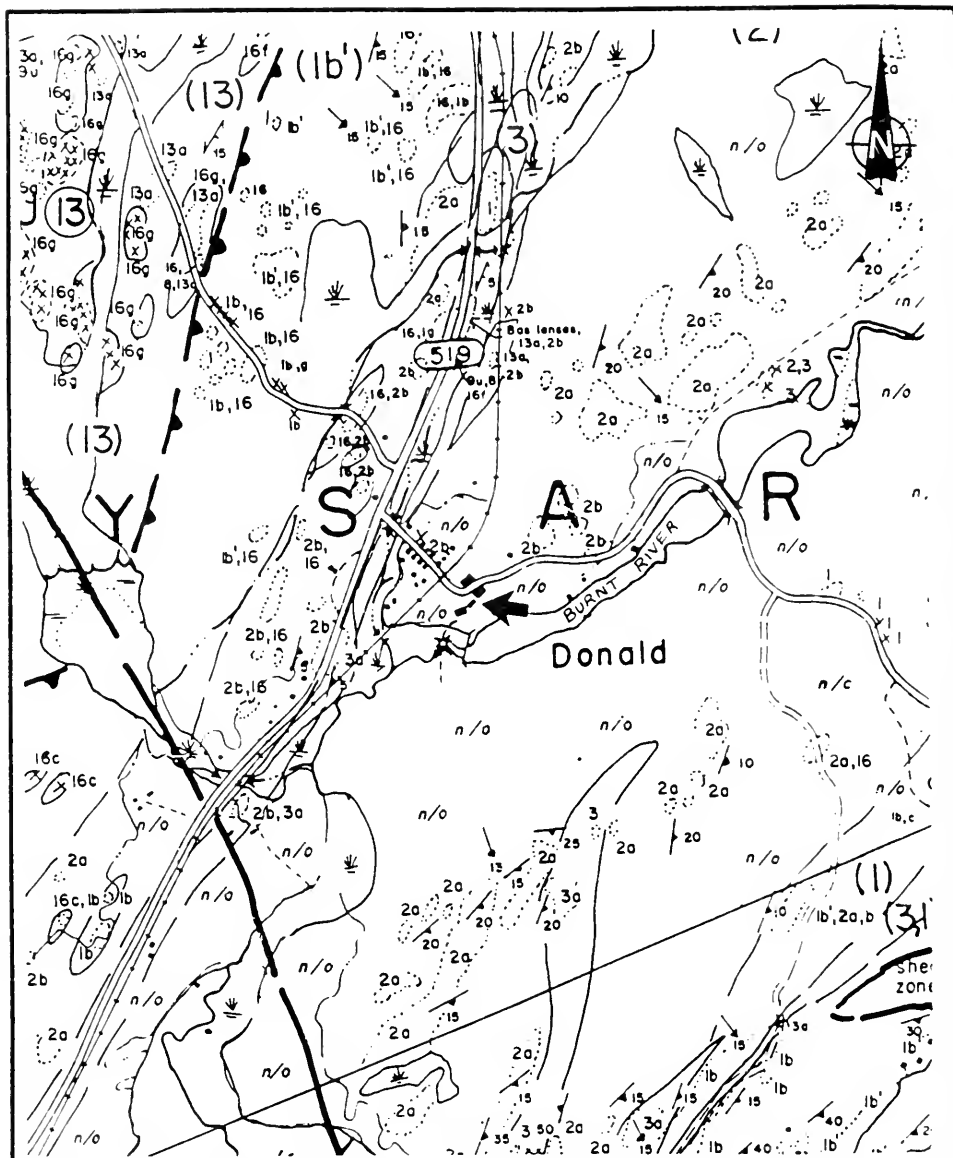
Use Domestic water supply

Proximity of Existing Wells Domestic well adjacent to site abandoned due to
contamination

Site Investigations MOE investigation of residual contamination completed in 1983

6. Comments/Remarks: Concrete frame of original buildings still standing on-site.

Tar patches observed adjacent to River. MOE (1983) - phenol contamination in
groundwater; PAH contamination in soil.



Drawn by	Date
Checked by	Date
Revisions	Date

Donald Area, showing location of Donald Wood Products site, (Source: Ontario Geologic Survey Map, P.3071)

INTERA Technologies

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Fenelon Falls Street Address Garnet Graham Lakeside Park
at west end of Francis St.
MOE Region Central between Bond and Francis St.
MOE District Peterborough NTS Map Sheet 31 D/10
Historical Maps and Photos Available 1910 fire insurance plan (Regional
Collection, University of Western Ontario, Key and Sheet 1); 1965 air photo
(NAPL A18773-32)

2. Site Identification:

Name Standard Chemical Co. Ltd.
Type of Facility Wood distillation plant
Operator(s) and Period(s) of Operation Standard Chemical Co. Ltd.
(c1903 to 1912-16)

3. Site Characteristics:

Size (when operated) Approx. 1 hectare
Present Land Use Town park (Garnet Graham Lakeside Park); MOE water treat-
ment plant
Planned Land Use Same
Present Occupant(s) Town of Fenelon Falls Park
MOE water treatment plant
Present Land Use Adjoining Properties North - parkland; east - residential;
south - parkland; west - Cameron Lake
Underground Utilities Watermains run from treatment plant; storm sewer outfall
at Bond Street

Soil Conditions Unknown

Site Access Uncontrolled

4. Evidence of Buried Wastes:

Operating Period 9 to 13 years (1903 to 1912-16)

Excavation History None reported

Visible Wastes Occasional evidence of cinders

Odour None observed or reported

Water Pollution Rust staining in Lakeshore adjacent to MOE Treatment plant but
may not be attributable to chemical plant

5. Resource Characteristics:

Surface Water Cameron Lake - west; Fenelon River - south

Proximity Adjacent to site

Use Water supply, recreational

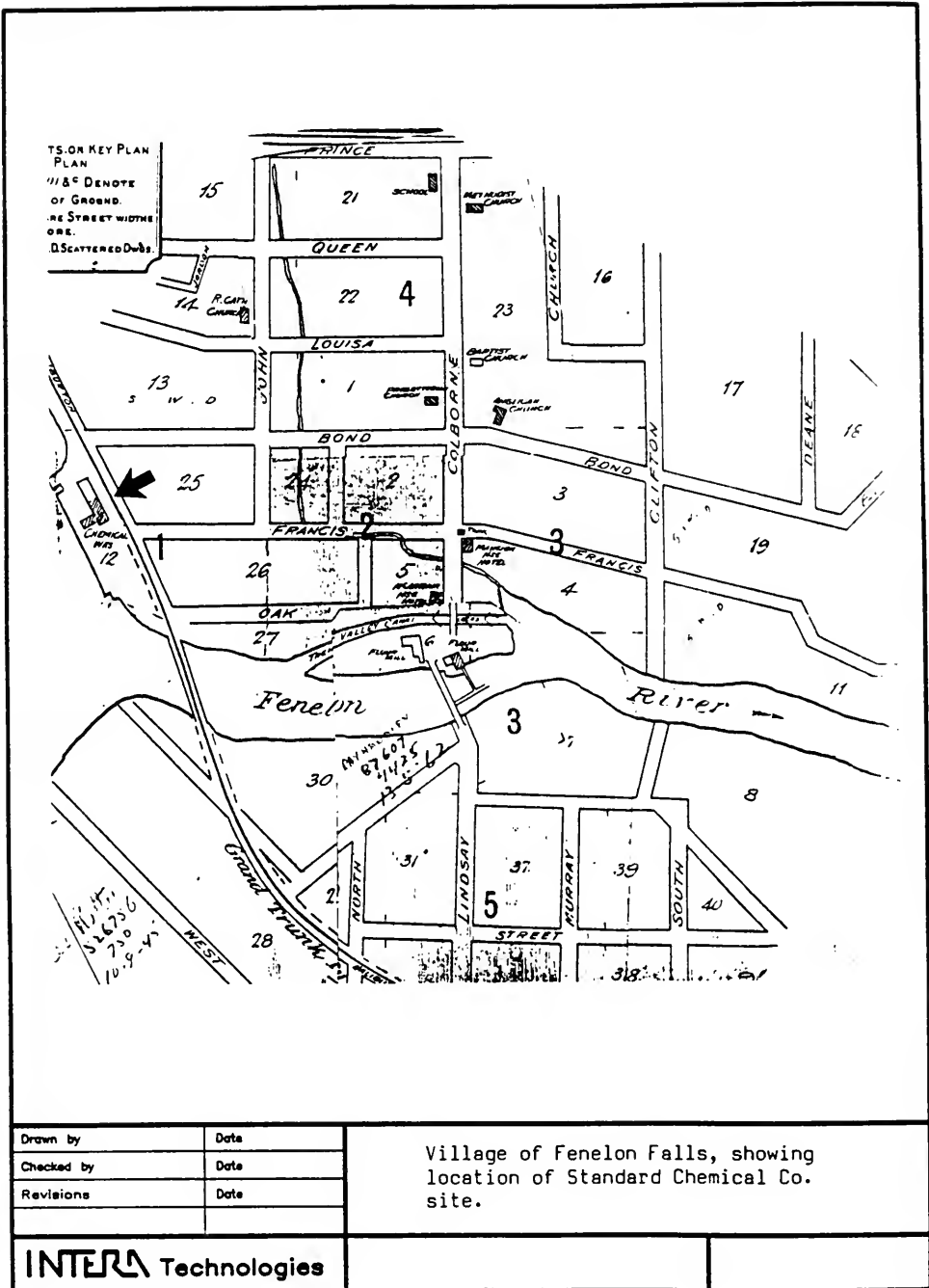
Groundwater, Proximity Unknown

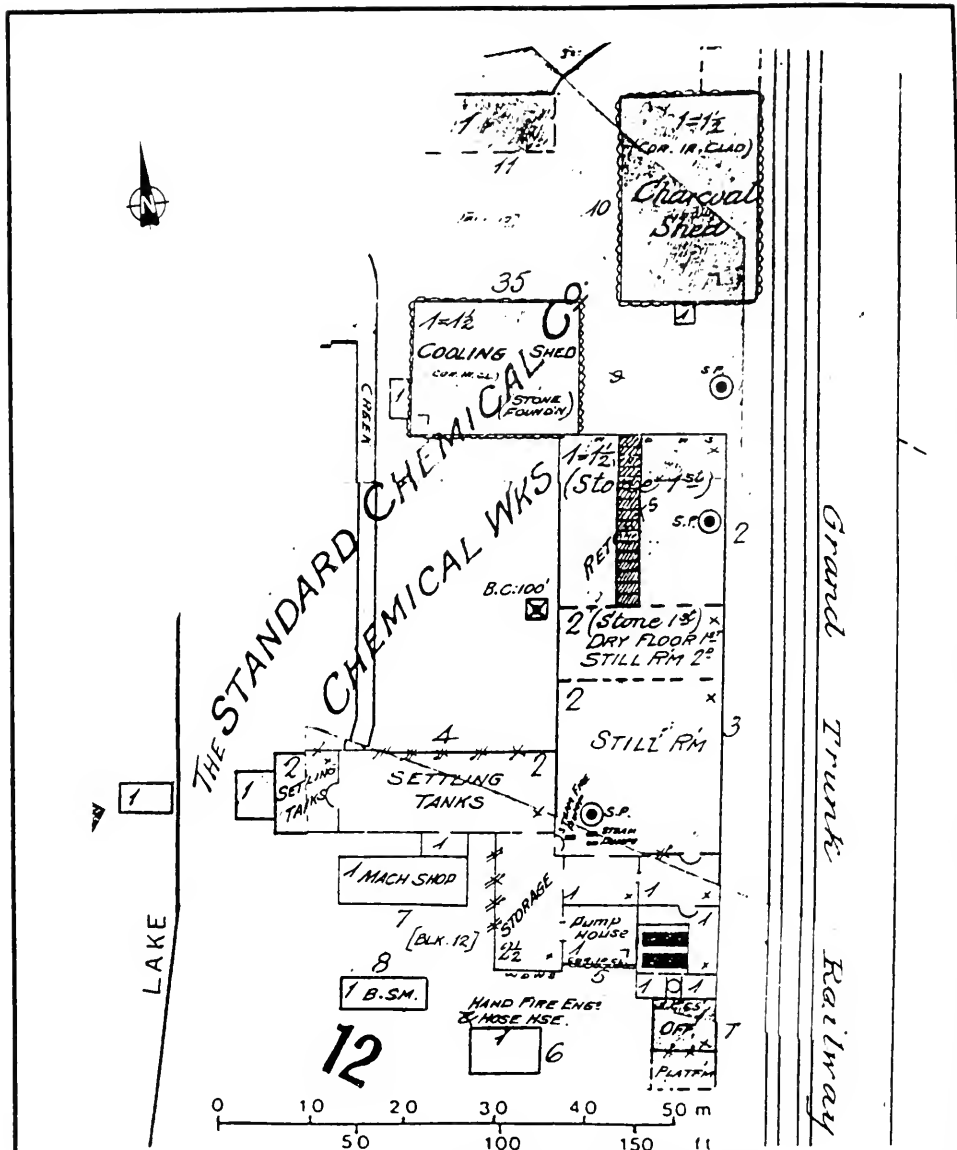
Use Not used (?)

Proximity of Existing Wells Unknown

Site Investigations None reported

6. Comments/Remarks: Park area, presently landscaped, no evidence of former
chemical plant. Off-site disposal areas unknown





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1910 Plan of Standard Chemical Co. site,
Fenelon Falls, (Source: Fire insurance plan,
Regional Collection, University of Western
Ontario, sheet 1)

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Lindsay Street Address 30 Eglinton St. at the Scugog
 MOE Region Central River _____
 MOE District Peterborough NTS Map Sheet 31 D/7
 Historical Maps and Photos Available 1949 fire insurance plan (Public Archives
Canada, NMC 9522, sheets 1 and 25); 1959 air photo (NAPL A16868-153)

2. Site Identification:

Name Canadian Industrial Alcohol Co. Ltd.
 Type of Facility Wood distillation plant
 Operator(s) and Period(s) of Operation Canadian Industrial Alcohol Co. Ltd.
(approx. 1930 to 1950)

3. Site Characteristics:

Size (when operated) 7.6 hectare
 Present Land Use Vacant (subdivision under construction)
 Planned Land Use Subdivision single family homes
 Present Occupant(s) Presently unoccupied
 Present Land Use Adjoining Properties North - commercial; west - residential;
south - residential; east - recreational
 Underground Utilities None

Soil Conditions Clay to depth of 2 m

Site Access Uncontrolled

4. Evidence of Buried Wastes:

Operating Period Approx. 1930 - 1950 (20 years)

Excavation History Test pits on-site and earth moving as part of subdivision construction

Visible Wastes Lime wastes, cinders, ash, charcoal exposed in test pits and earth moving

Odour Wood alcohol odour on-site adjacent to waste areas

Water Pollution None reported or observed

5. Resource Characteristics:

Surface Water Scugog River at east boundary

Proximity Adjacent

Use Recreational, water supply (upstream)

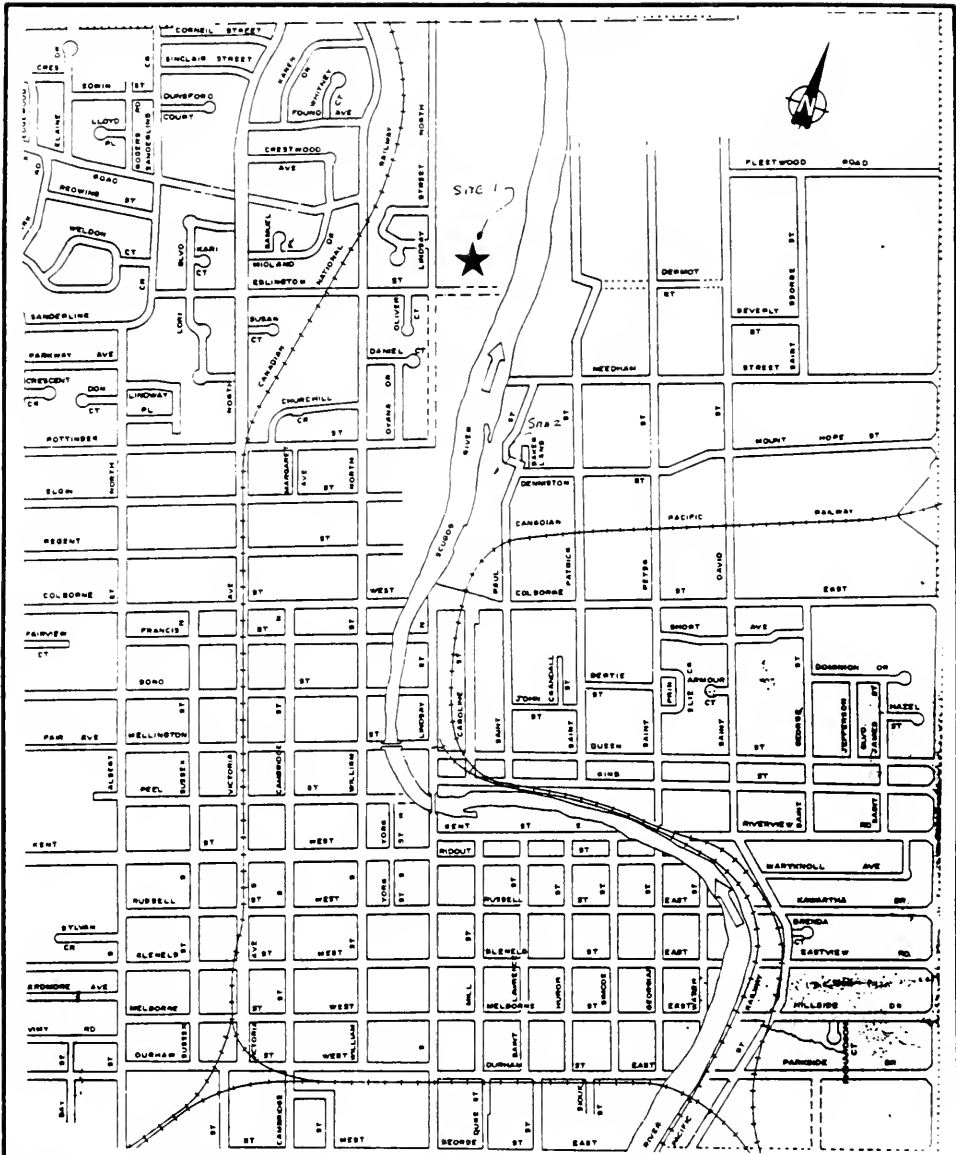
Groundwater, Proximity Unknown

Use Not used

Proximity of Existing Wells Unknown

Site Investigations Geotechnical investigations underway. Gabion wall constructed lat rivers edge

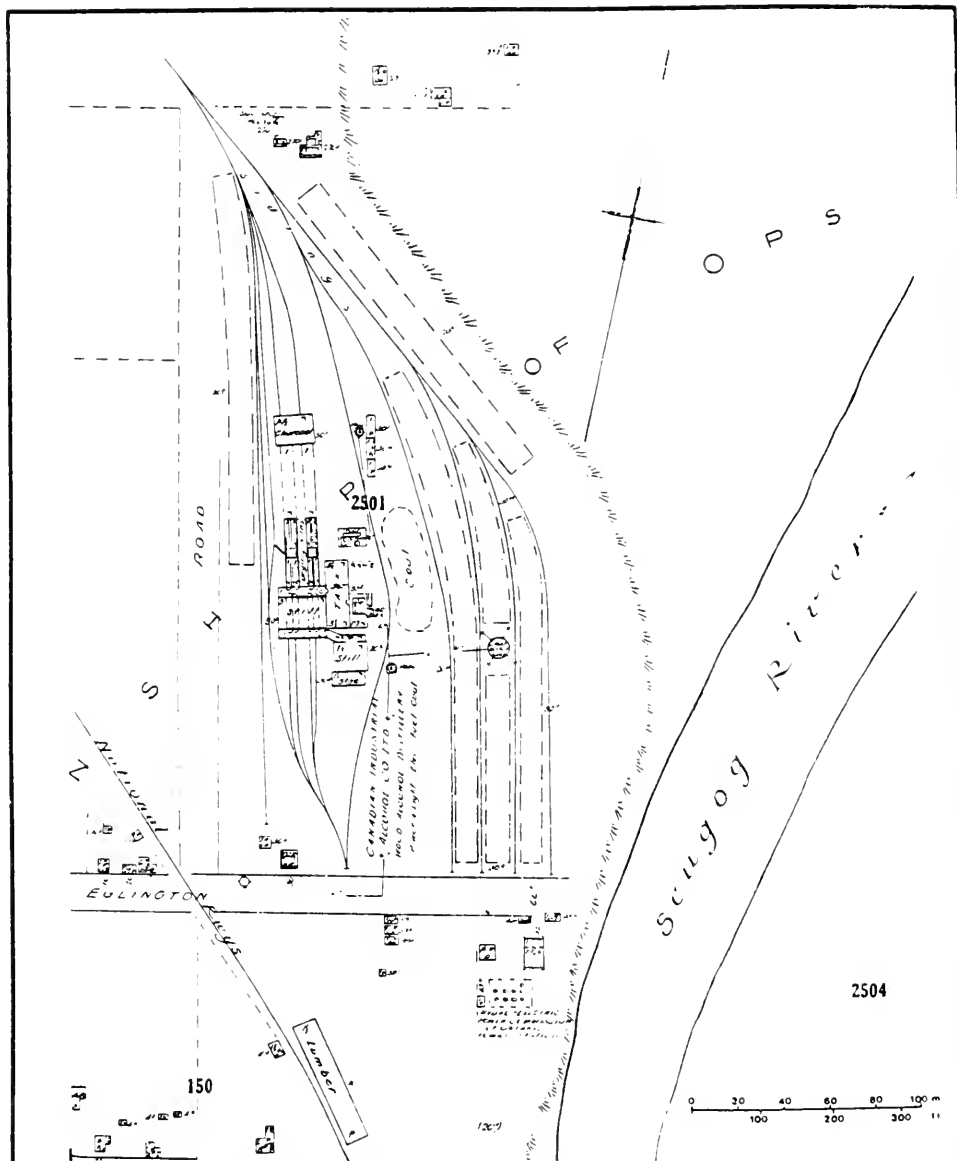
6. Comments/Remarks: Subdivision construction has uncovered buried wastes from the plant; at least 1 m thickness in places. Large steel tank remains on-site.
Disposal areas most likely on-site adjacent to the river.



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Town of Lindsay, showing location of
Canadian Industrial Alcohol Co. Ltd.
site.

INTERA Technologies



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1949 Plan of Canadian Industrial Alcohol Co. Ltd. site (Source: Fire Insurance Map, Public Archives Canada, NMC-9522, sheet 25)

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Lindsay Street Address St. Paul Street, west of
MOE Region Central Denniston St. at Scugog River
MOE District Peterborough NTS Map Sheet _____
Historical Maps and Photos Available 1928 revision of 1920 fire insurance plan
(Ontario Archives, sheet 19); 1968 air photo (NAPL A18773-25)

2. Site Identification:

Name Hodgson Bros. Chemical Co. Ltd.
Type of Facility Wood distillation plant
Operator(s) and Period(s) of Operation Hodgson Bros. Chemical Co. Ltd.
1919 - 1930s

3. Site Characteristics:

Size (when operated) 1.2 hectare
Present Land Use Parkland
Planned Land Use Continued parkland
Present Occupant(s) City owned park
Present Land Use Adjoining Properties North, south & east - residential;
west - Scugog River
Underground Utilities Storm sewer outfall at centre of site and ditch to river

Soil Conditions Unknown

Site Access Uncontrolled

4. Evidence of Buried Wastes:

Operating Period 1919 to 1928 or 1939 (10 - 20 years)

Excavation History Storm sewer excavation to centre of site in 1965

Visible Wastes Cinders, ash, and charcoal visible in a number of locations

Odour None reported or observed

Water Pollution None reported or observed

5. Resource Characteristics:

Surface Water Scugog River

Proximity West boundary of the site

Use Recreational, water supply upstream

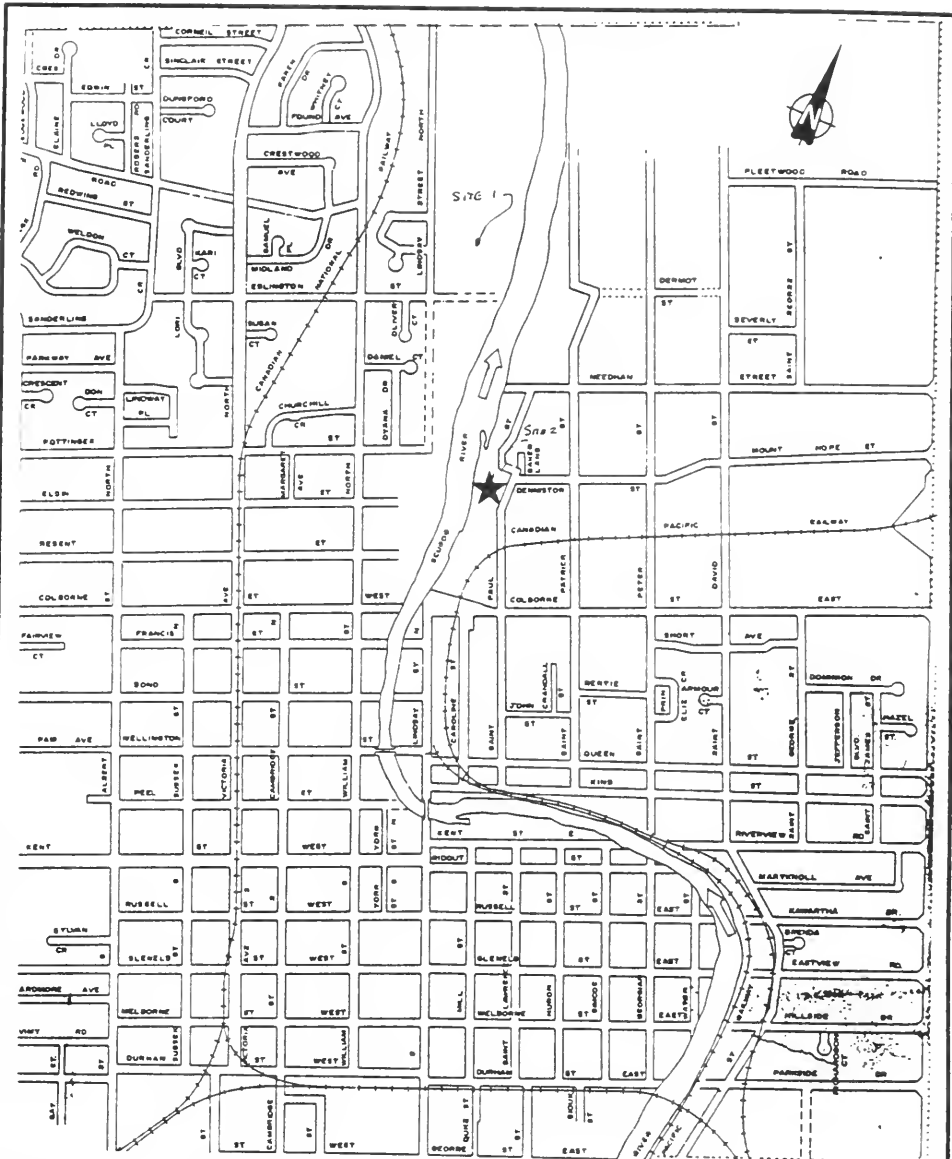
Groundwater, Proximity Unknown

Use Unknown probably not used

Proximity of Existing Wells Unknown

Site Investigations None reported

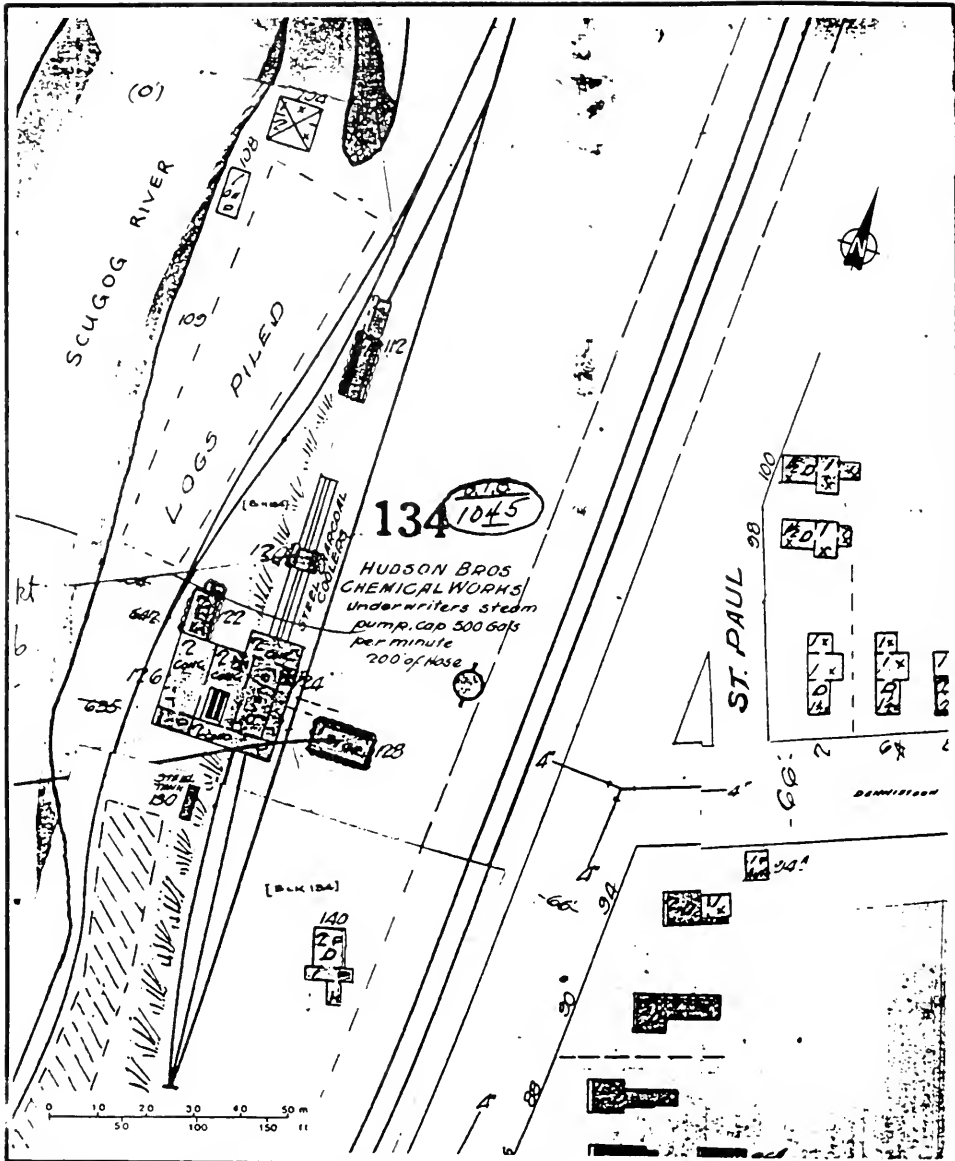
6. Comments/Remarks: Demolished building remains on-site



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Town of Lindsay, showing location of
Hodgson Bros. Chemical Co. Ltd. site.

INTERA Technologies



Drawn by	Date
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1928 Plan of Hodgson Bros. Chemical Co. Ltd.
 site, (Source: 1928 Revision of 1920 Fire
 Insurance Map, Ontario Archives, sheet 19)

INTERA Technologies

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Longford Mills Street Address Longford Rd. (Lot 20, Broken
MOE Region Central Frontage, Rama Township)
MOE District Barrie NTS Map Sheet 31 D/11
Historical Maps and Photos Available Maps available, 1978 airphoto (NAPL 2483-48)

2. Site Identification:

Name Standard Chemical, Iron and Lumber Co.
Type of Facility Wood distillation plant
Operator(s) and Period(s) of Operation Standard Chemical Co. (early 1900s - 1943)

3. Site Characteristics:

Size (when operated) Approx. 1 hectare
Present Land Use Domtar Specialty Chemicals Division (industrial)
Planned Land Use Same
Present Occupant(s) Domtar Specialty Chemicals Division
Present Land Use Adjoining Properties West - residential; east - Lake St. John;
south - vacant; north - vacant/rural
Underground Utilities Gas mains along Longford Rd. to plant

Soil Conditions Approximately 5 - 7 m of overburden overlying limestone

Site Access Chemical plant is fenced with controlled access

4. Evidence of Buried Wastes:

Operating Period 1900s - 1943 (43 years)

Excavation History Unknown

Visible Wastes Cinders, ash and charcoal visible in the soils surrounding the site

Odour Occasional wood alcohol odour in area of exposed wastes

Water Pollution None reported or observed

5. Resource Characteristics:

Surface Water Lake St. John

Proximity Adjacent to site eastern boundary

Use Recreational (water supply for Domtar?)

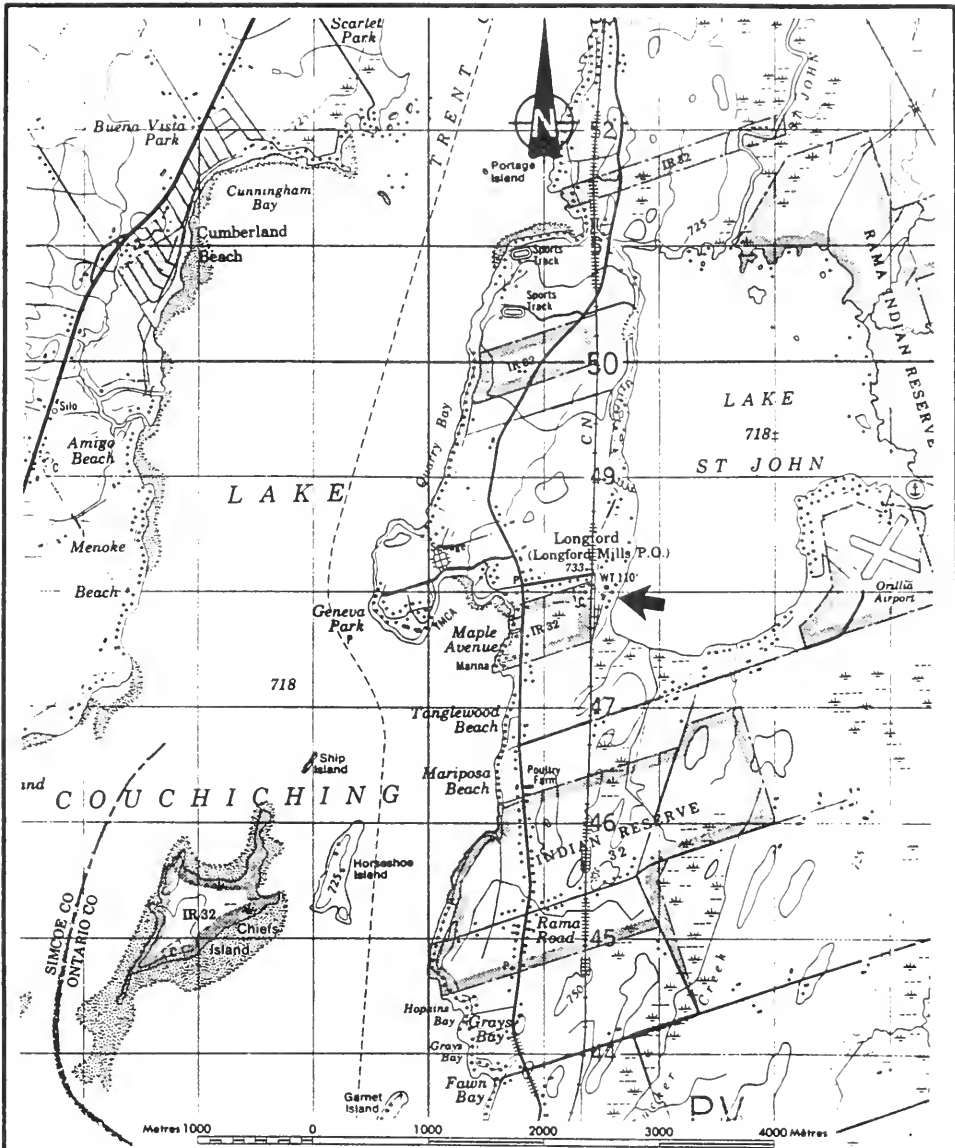
Groundwater, Proximity Unknown

Use Drinking water supply

Proximity of Existing Wells Individual wells for residences 300 m west of site

Site Investigations None reported

6. Comments/Remarks: Presently an operating chemical plant; off-site waste disposal areas unknown, likely on-site



Drawn by	Date
Checked by	Date
Revisions	Date

Longford Mills area showing location of Standard Chemical Co. site, (Source: Orillia, 1:50,000 map, sheet 31-D/11)

INTERA Technologies

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Parry Sound Street Address 300 m north of Isabella between
MOE Region Northeastern railway tracks and Georgian Bay
MOE District North Bay NTS Map Sheet _____
Historical Maps and Photos Available 1924 Fire insurance Plan (Ontario Archives
Parry Sound key and sheet 18); 1927 air photo (NAPL HA386-35)

2. Site Identification:

Name Standard Chemical Co.
Type of Facility Wood distillation plant, charcoal oven by-product plant
Operator(s) and Period(s) of Operation Algoma Lumber and Chemical Co. (1909 -
1912); Standard Chemical Co. (1912 - 1924)

3. Site Characteristics:

Size (when operated) Approx. 2 - 3 hectare
Present Land Use Vacant, unused
Planned Land Use Same
Present Occupant(s) Wm. Beatty Lands and Timber
Present Land Use Adjoining Properties North, south, and east - rural unused
vacant land; west - Georgian Bay
Underground Utilities None

Soil Conditions Unknown - bedrock near surface

Site Access Uncontrolled

4. Evidence of Buried Wastes:

Operating Period 1909 - 1924 (15 years)

Excavation History Unknown

Visible Wastes Cinders and ash visible on-site

Odour None reported or observed

Water Pollution None reported or observed

5. Resource Characteristics:

Surface Water Georgian Bay

Proximity Approx. 100 m west

Use Recreational

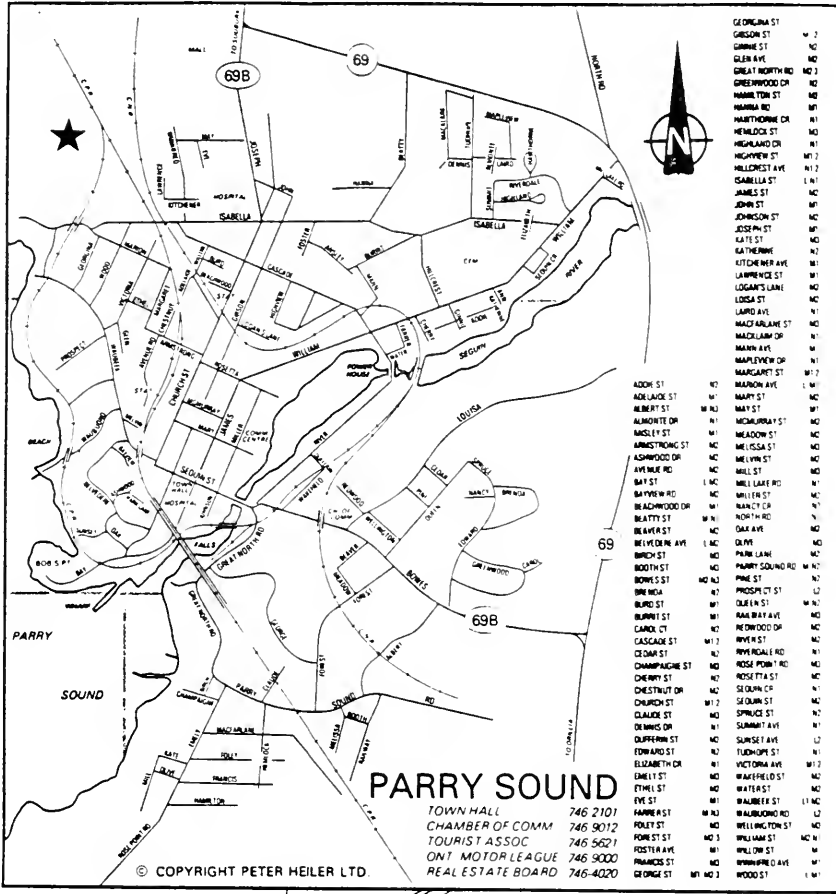
Groundwater, Proximity Not reported or observed

Use Not reported or observed

Proximity of Existing Wells Unknown

Site Investigations Unknown

6. Comments/Remarks: Ruins of former buildings still exist today



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Town of Parry Sound, showing location
of Standard Chemical Co. site.

INTERA Technologies

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1924 Plan of Standard Chemical Co. site, Parry Sound, (Source: 1924 revision of 1917 Fire insurance plan, Ontario Archives, sheet 18)

INTERA Technologies

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Sault Ste. Marie Street Address Western end of Queen St. at
St. Mary's River, Sault Ste. Marie
MOE Region Northeastern
MOE District Sault Ste. Marie NTS Map Sheet 41 K/9
Historical Maps and Photos Available 1919 Town plan; 1925 fire insurance plan
(sheet 30) (Both from Sault Ste. Marie Public Library); 1939 air photo
(NAPL A5634-68)

2. Site Identification:

Name Algoma Steel Corp./Standard Chemical Co.
Type of Facility Charcoal by-product plant, then wood distillation plant
Operator(s) and Period(s) of Operation Algoma Steel Co. Ltd. (1900 - 1912);
Standard Chemical, Iron and Lumber Co./Standard Chemical Co. (1912 - 1926)

3. Site Characteristics:

Size (when operated) 3.3 hectare
Present Land Use Algoma Steel Mill Complex

Planned Land Use Same
Present Occupant(s) Algoma Steel Corp.

Present Land Use Adjoining Properties North - industrial; east - industrial;
west - industrial; south - St. Mary's River
Underground Utilities Unknown

Soil Conditions Sand overlying clay overlying silt overlying silty sand till
overlying bedrock

Site Access Controlled, limited access

4. Evidence of Buried Wastes:

Operating Period 1900 - 1926 (26 years)

Excavation History Unknown

Visible Wastes Unknown

Odour Coal tar odours associated with Algoma Coke Ovens

Water Pollution None reported which are solely attributable to the wood
distillation plant (see remarks)

5. Resource Characteristics:

Surface Water St. Mary's River

Proximity Adjacent to the site

Use Recreational, industrial

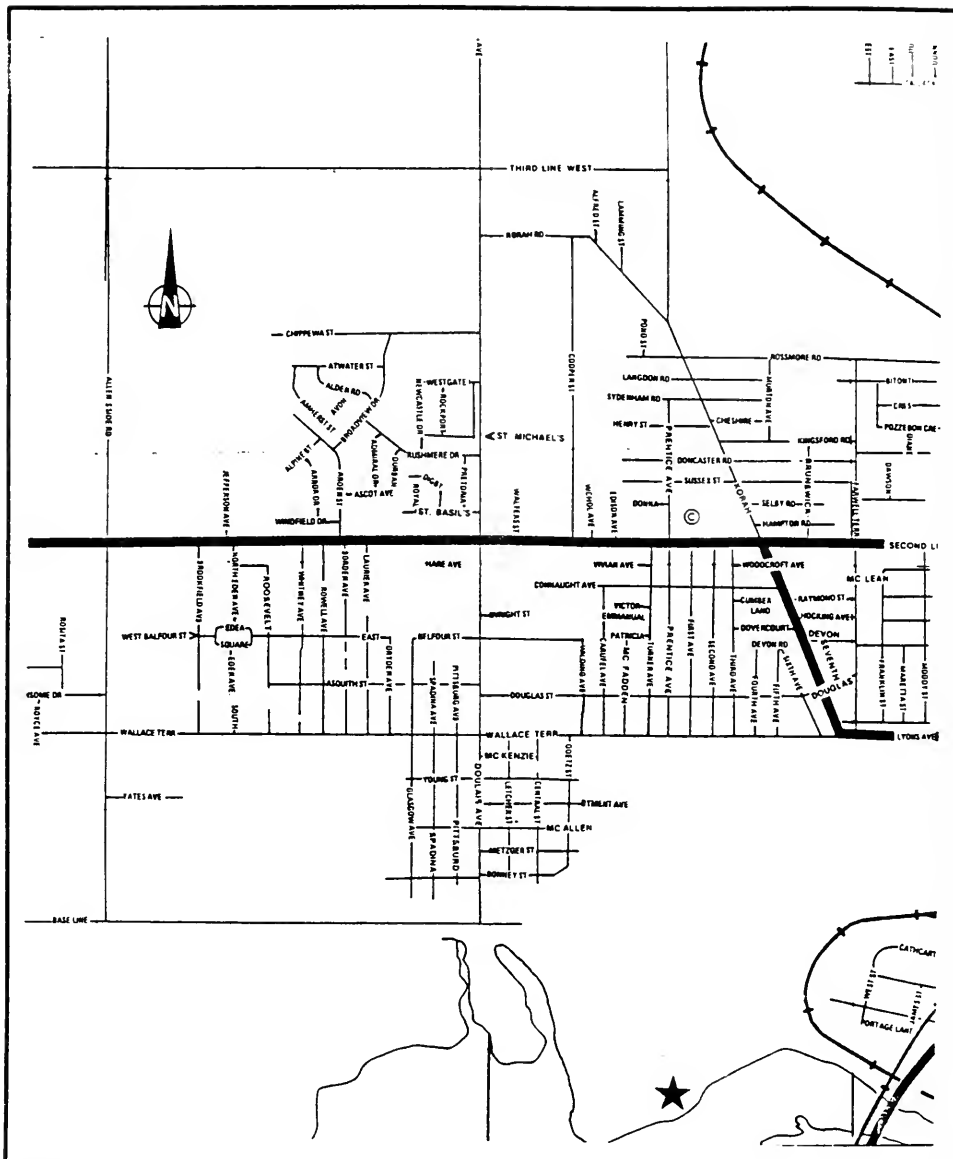
Groundwater, Proximity In bedrock, 30 to 100 m below surface

Use Municipal and industrial water supply

Proximity of Existing Wells Municipal wells 2 - 3 km distance

Site Investigations None reported

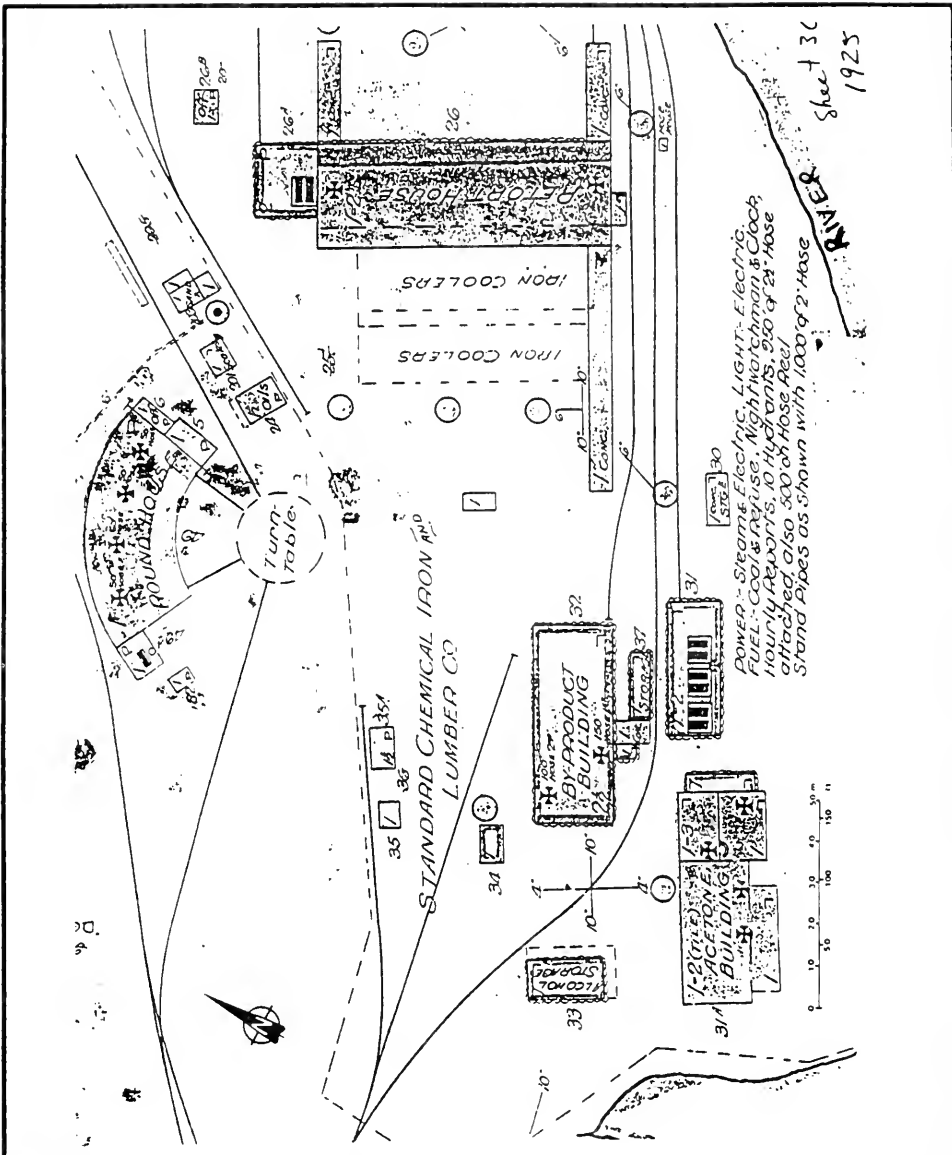
6. Comments/Remarks: Standard chemical plant site is now part of Algoma Steel
Mill Complex and therefore environmental impacts associated with chemical plant
can not be separated from impacts associated with the steel mill.



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City of Sault Ste. Marie, showing
location of Standard Chemical Co.
site.

INTERA Technologies



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1925 Plan of Standard Chemical Co. site, Sault Ste. Marie, (Source: Fire insurance plan, Sault Ste. Marie Public Library, sheet 30)

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City South River Street Address Ottawa Ave. at South RiverMOE Region NortheasternMOE District North Bay NTS Map Sheet 31 E/14Historical Maps and Photos Available 1908 fire insurance plan (Public Archives
Canada NMC 9702, sheets 1 and 2); 1929 air photo (NAPL A1797-8)

2. Site Identification:

Name Standard Chemical Co. Ltd.Type of Facility Wood distillation plantOperator(s) and Period(s) of Operation Standard Chemical Co. Ltd. (1903 - 1954);
Charcoal Supply and Sales Co./Beaver Charcoal Co. (1955 - 1967)

3. Site Characteristics:

Size (when operated) 2.3 hectarePresent Land Use VacantPlanned Land Use Development including mall, resort, townhouses, etc.
planned in 1977 but in 1983 still deferred, recently reviewedPresent Occupant(s) VacantPresent Land Use Adjoining Properties West - residential; north & east - South
River; south - light industrial and vacantUnderground Utilities None

Soil Conditions UnknownSite Access Uncontrolled

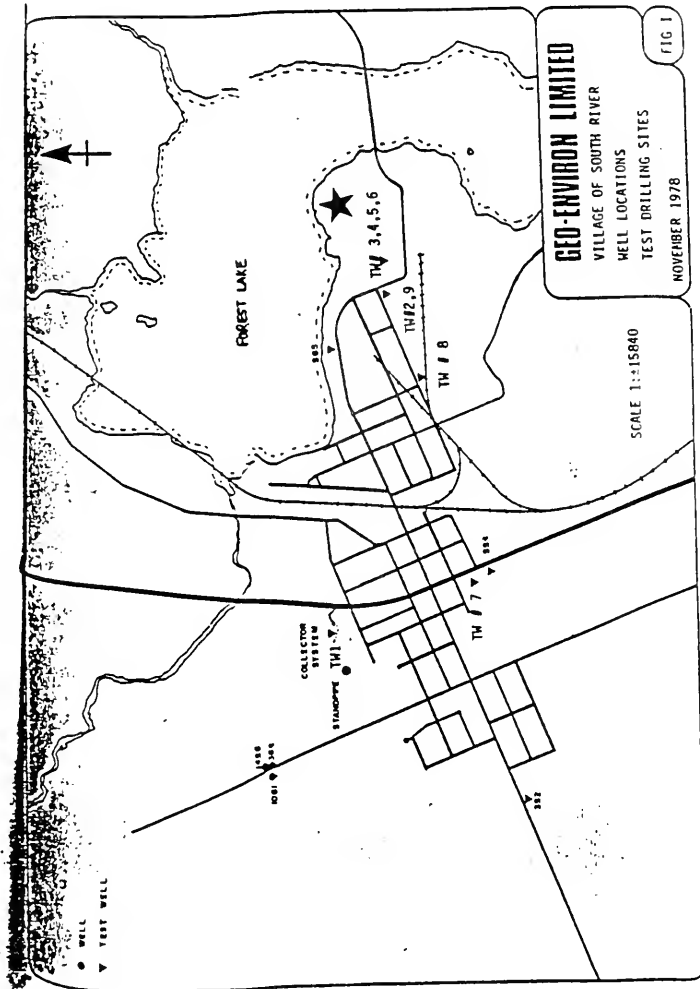
4. Evidence of Buried Wastes:

Operating Period 1903 - 1967 (64 years)Excavation History None reportedVisible Wastes Tar, cinders, ash and charcoal visible on-site; tar pit known to exist but not foundOdour Odour of wood alcohol on-siteWater Pollution Unconfirmed reports of tar in Forest Lake sediments

5. Resource Characteristics:

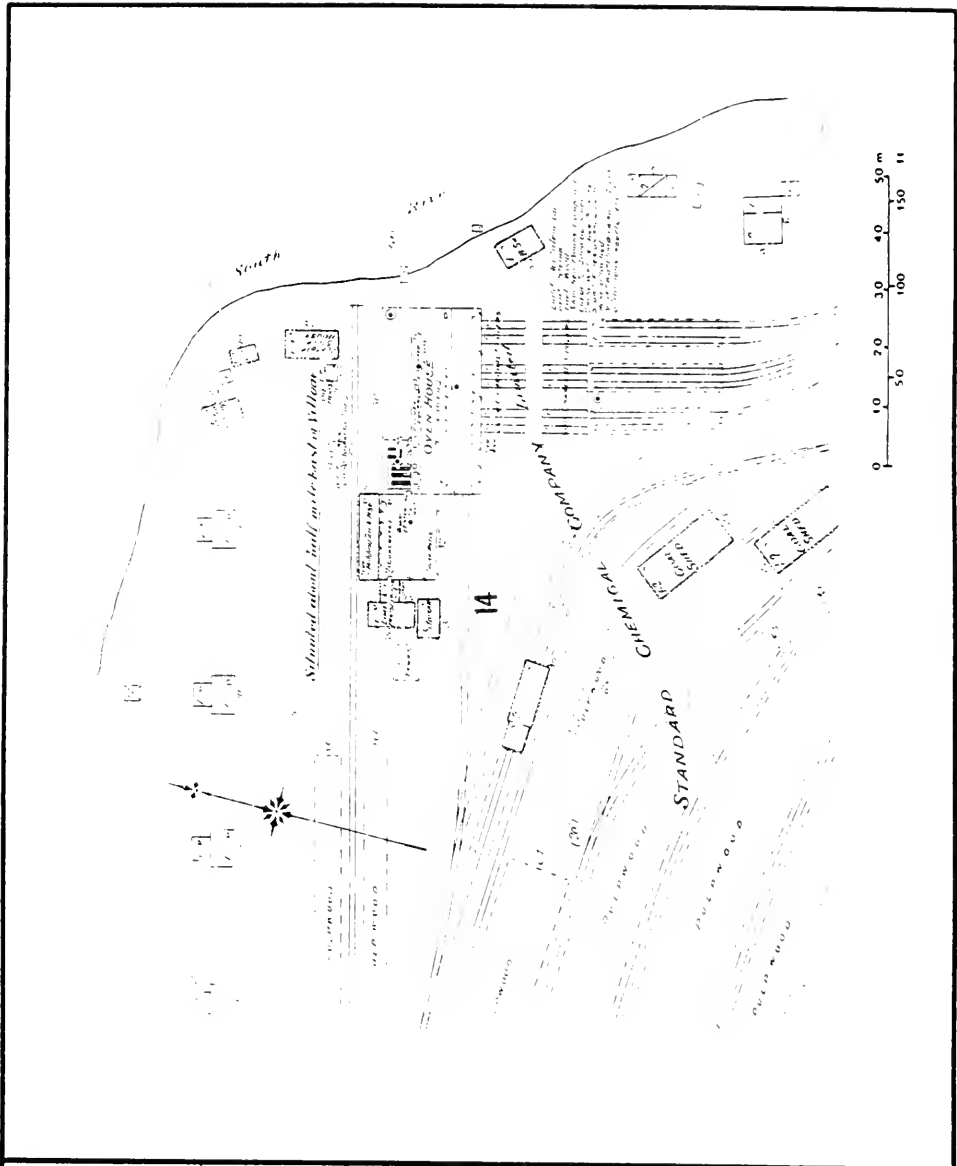
Surface Water Forest Lake/South RiverProximity Adjacent on north and east boundaryUse RecreationalGroundwater, Proximity Depth of 15 - 20 m below surfaceUse Domestic water supplyProximity of Existing Wells Town water supply wells within 300 m of siteSite Investigations None reported

6. Comments/Remarks: Tar pit known to exist on-site in 1977 but not found during site visit. Demolished buildings and structure remain on-site; 1919 plant products include creosote oils and wood tars



Drawn by	Date
Checked by	Date
Revisions	Date

Village of South River, showing
 location of Standard Chemical Co.
 site.



Drawn by	Date
Checked by	Date
Revisions	Date

1908 Plan of Standard Chemical Co. site, South River, (Source: Fire insurance plan, Public Archives Canada, NMC-9702, sheet 2)

INTERA Technologies

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Thornbury Street Address Bounded by Bay St. (south); Mill St. (east); Poplar St. (north); Beaver River (west)

MOE Region Southwestern

MOE District Owen Sound NTS Map Sheet 41 A/9

Historical Maps and Photos Available 1925 fire insurance plan (Public Archives Canada NMC 9729, sheet 1 (key) and sheet 3); 1938 air photo (NAPL A5982-2)

2. Site Identification:

Name Standard Chemical Co.

Type of Facility Wood distillation plant

Operator(s) and Period(s) of Operation Standard Chemical Co. (approx. 1916 to 1927)

3. Site Characteristics:

Size (when operated) 4 - 5 hectare

Present Land Use Vacant; original boiler and still house buildings on-site (now unoccupied)

Planned Land Use Condominiums/apartments are planned

Present Occupant(s) Site unoccupied

Present Land Use Adjoining Properties North - residential; east - vacant; south - residential and vacant; west - Beaver River

Underground Utilities Sanitary sewers and watermain along Bay, Poplar and Mill Streets

Soil Conditions Cinders, ash and construction rubble (0 - 1 m) overlying silty sand

Site Access Uncontrolled

4. **Evidence of Buried Wastes:**

Operating Period 1916 - 1925 (9 years)

Excavation History Test pits have been dug east of building in former acetate storage areas

Visible Wastes Fill cinder and ash in test pits, solid tar in test pits in area of building foundations, PAH present in tar and selected soil samples

Odour None observed or reported

Water Pollution None observed or reported

5. **Resource Characteristics:**

Surface Water Beaver River and Georgian Bay

Proximity River adjacent to plant immediately west of existing building

Use Recreational

Groundwater, Proximity Shallow (less than 2 m)

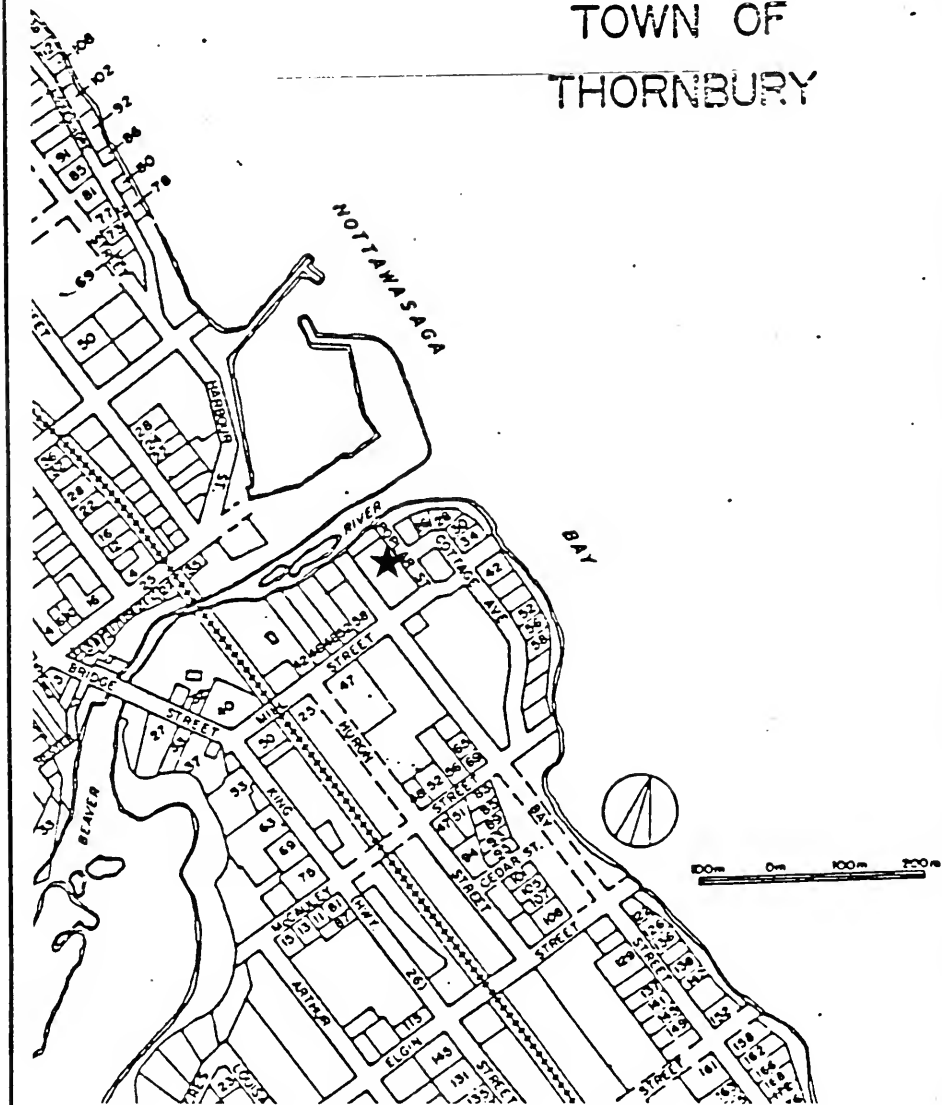
Use None

Proximity of Existing Wells Unknown (residents are on city supply)

Site Investigations Observed recent test pits dug on property east of building (1988); 14 test pits completed by owner, chemical analyses completed on soil and water samples, no report available

6. **Comments/Remarks:** - Poplar St. is used as a public boat launching ramp; property is used as parking area; Water supply from Georgian Bay, intake located at Peel Street and 600 m into Bay; boiler and still house buildings later used as furniture factory for 20 - 25 years

TOWN OF THORNBURY



Drawn by	Date
Checked by	Date
Revisions	Date

Town of Thornbury, showing location of
Standard Chemical Co. site.

INTERA Technologies

Drawn by	Date
Checked by	Date
Revisions	Date

1925 Plan of Standard Chemical Co. site,
Thornbury, (Source: Fire insurance plan,
Public Archives Canada, NMC-9729, sheet 3)

INTERA Technologies

Fact Sheet for Survey of Industrial Sites

1. Site Location:

City Trout Creek Street Address Con 1, PCL 3489 N.S.
Municipality of the Town of
MOE Region Sudbury Trout Creek
MOE District North Bay NTS Map Sheet 31 E/14
Historical Maps and Photos Available no fire insurance plans available; 1929
air photo (NAPL A1804-71)

2. Site Identification:

Name Dominion Wood and Lumber Co. Ltd.
Type of Facility Wood distillation plant
Operator(s) and Period(s) of Operation Dominion Wood and Lumber Co. - 1920s

3. Site Characteristics:

Size (when operated) Approximately 1 hectare
Present Land Use Vacant - former gravel pit; minor recreational
Planned Land Use No development planned
Present Occupant(s) Vacant
Present Land Use Adjoining Properties Rural - vacant
Underground Utilities None

Soil Conditions Sand and gravel

Site Access Uncontrolled - unlimited access

4. Evidence of Buried Wastes:

Operating Period Unknown - 1920s

Excavation History Part of site excavated for sand and gravel for highway construction

Visible Wastes Minor charcoal, cinders, ash

Odour None observed or reported

Water Pollution None observed or reported

5. Resource Characteristics:

Surface Water Two small creeks run north and west of the site

Proximity Adjacent

Use Recreational - fishing

Groundwater, Proximity Unknown

Use Drinking water

Proximity of Existing Wells Town is on private well systems, nearest well likely greater than 400 m distant

Site Investigations None reported

6. Comments/Remarks: Site is located adjacent to an unused gravel pit. Most of the plant was removed during construction of Hwy. 11. Site is removed from the town. Only historical plan of site is from 1929 air photo - buildings evident in this photo. It is possible that waste materials were used in the construction of Hwy. 11.

